

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	1
		ILLINOIS	CONTRACT NO. 70E86	

INDEX OF SHEETS

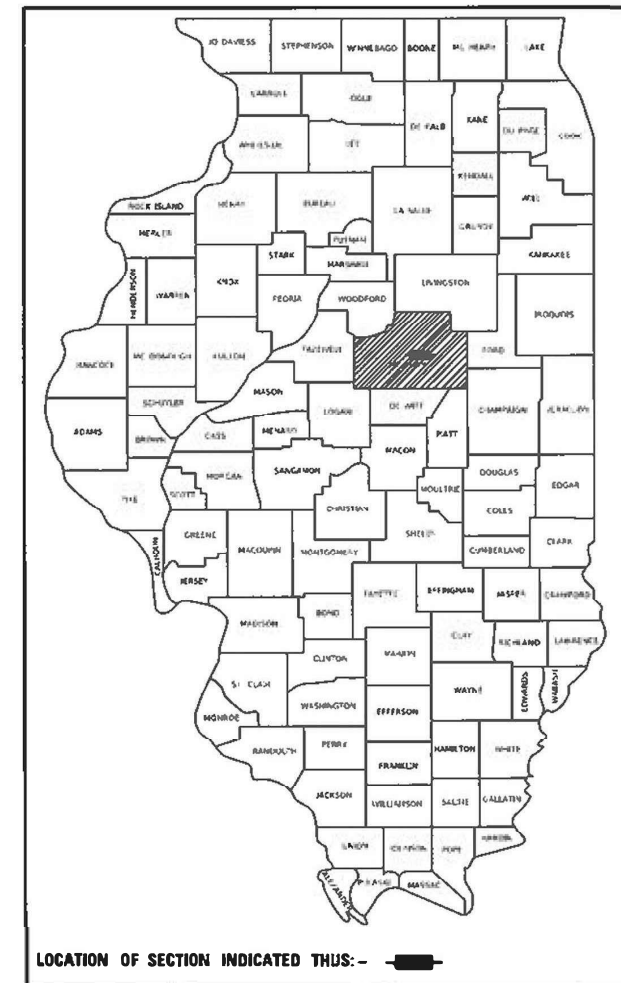
SHEETS	DESCRIPTION
1	COVER SHEET
2	HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
3 TO 5	SUMMARY OF QUANTITIES
6 TO 10	TYPICAL CROSS SECTION
11 TO 22	SCHEDULE OF QUANTITIES
23 TO 40	PLAN AND PROFILE SHEETS
41 TO 46	GUARDRAIL DETAILS
47 TO 61	DISTRICT 5 CADD DETAILS

PROPOSED HIGHWAY PLANS

FAP ROUTE 693 (ILL 9)
SECTION (21,22)RS-4
PROJECT STP-6RR5(530)
3P RESURFACING STANDARD OVERLAY
MCLEAN COUNTY

C-95-070-21

P-95-023-21



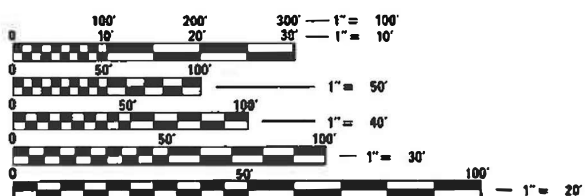
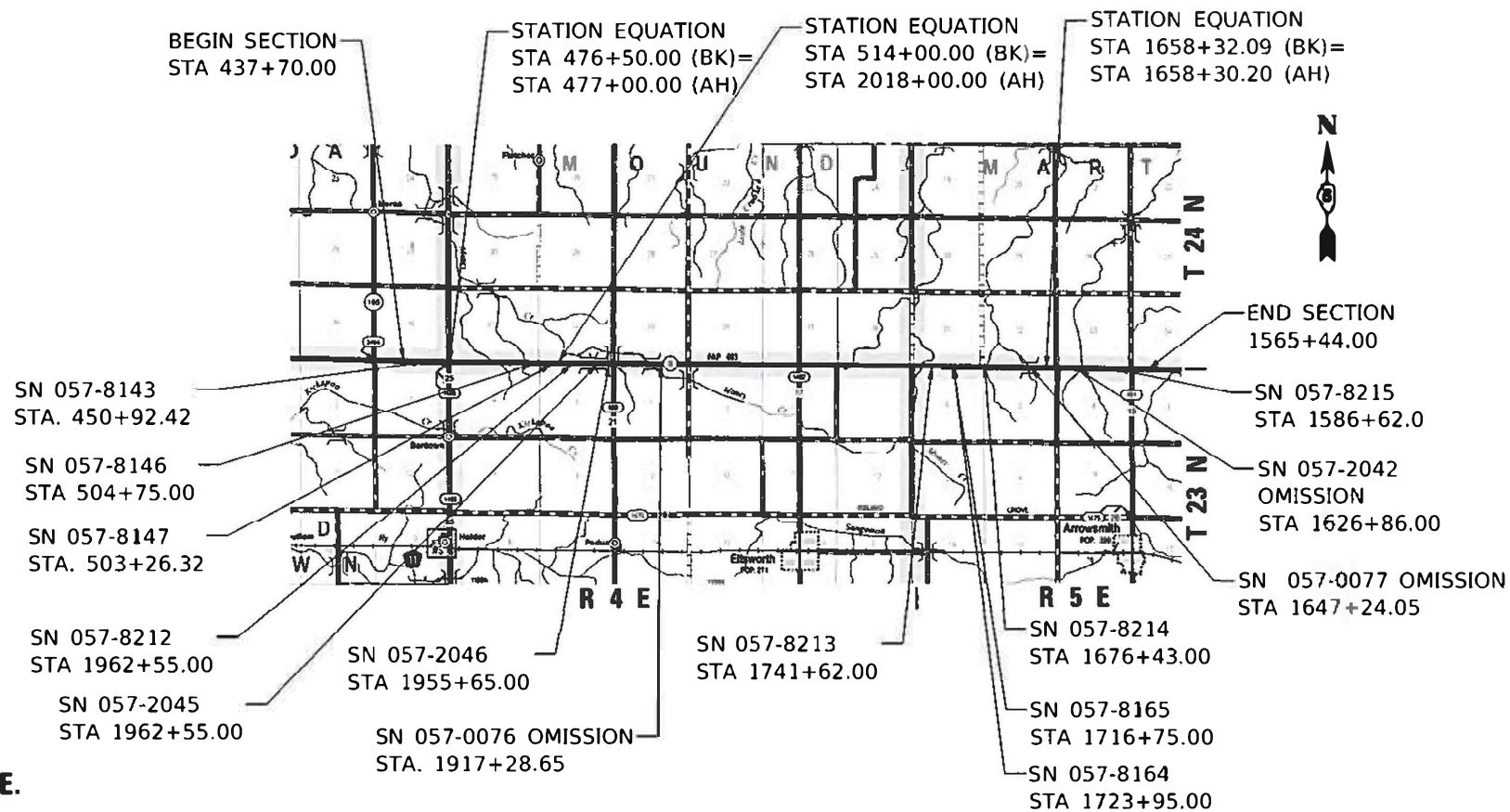
CURRENT TRAFFIC DATA			
F.A.P. 693 (ILL 9)			
	LEG "A"	LEG "B"	LEG "C"
2021 ADI	2,950	2,600	1,700
P.V.%	94.2	94.6	88.8
S.U.%	2.4	2.7	6.5
M.U.%	3.4	2.7	4.7

DESCRIPTION OF LEGS:

LEG "A": IL 9 FROM IL 165 TO FAS 489
LEG "B": IL 9 FROM FAS 489 TO FAS 1482
LEG "C": IL 9 FROM FAS 1482 TO FAS 491

DESIGN DESIGNATION
N/A

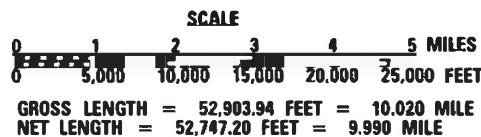
0.4 MILE OF ILL 165 TO ARROWSMITH RD.



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
TOWNSHIPS: ARROWSMITH, BLUE MOUND, DAWSON,
MARTIN, TOWANDA, AND MCLEAN COUNTY

PROJECT ENGINEER: JASON W. STULTS, P.E.
PROJECT MANAGER: DAVID F. JAYME, P.E.
DESIGNER: HANS W. KNOEPFEL
217-465-4181
CONTRACT NO. 70E86



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 2/23 2023
Kensia G. Swartzson
REGIONAL ENGINEER

March 24, 2023
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 24, 2023
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

HIGHWAY STANDARDS

STANDARD	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420701-03	PAVEMENT FABRIC
442201-03	CLASS C & D PATCHES
630001-12	STEEL PLATE BEAM GUARDRAIL
630006	NON-BLOCKED STEEL PLATE BEAM GUARDRAIL
630101-10	GUARDRAIL MOUNTED ON EXISTING CULVERTS
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630111-01	WEAK POST GUARDRAIL ATTACHED TO CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631032-10	TRAFFIC BARRIER TERMINAL, TYPE 6A
642006-01	SHOULDER RUMBLE STRIPS, 8"
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 4.5 M (15') AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

COMMITMENTS

NO COMMITMENTS

GENERAL NOTES

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-406H
MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

LOCATIONS	IL 9	IL 9	IL 9
MIXTURE USE(S)	SURFACE	BINDER(FINE GRADED)	INCIDENTAL
AC/PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5	IL 9.5 FG	IL 9.5
FRICTION AGGREGATE:	MIX "C"	N.A.	MIX "C"
MIXTURE WEIGHT:	112	112	112
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QC/QA
SUBLOT SIZE:	1000	1000	N.A.
MATERIAL TRANSFER DEVICE (REQUIRED?):	NO	NO	NO

G.N.-406S

PROJECT POSTED SPEED LIMITS

THE FOLLOWING TABLE IS A LISTING OF POSTED SPEED LIMITS WITHIN THE PROJECT LIMITS. THE ENGINEER SHALL FIELD VERIFY THESE LIMITS

STATION	TO	STATION	POSTED SPEED LIMIT (MPH)
437+70.00		1565+44.00	55

G.N.-408B

THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYRATIONS BEING USED,

AT THE FOLLOWING LOCATIONS:

STATION	DESCRIPTION	STATION	DESCRIPTION
470+51.72 LT	N 2400 E RD	1731+35.14 LT	N 3000 E RD
470+51.72 RT	N 2400 E RD	1731+35.14 RT	N 3000 E RD
1944+14.80 LT	2600 E RD	1575+38.85 RT	3300 E RD
1944+14.80 RT	2600 E RD	1574+78.28 LT	3300 E RD
1811+16.28 LT	2850 E RD		
1811+16.28 RT	2850 E RD		

G.N.-703A

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781

THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.

MATERIAL TRANSFER DEVICE INFORMATION

BASED ON STRUCTURAL ANALYSIS, THE FOLLOWING SHOULD BE NOTED WITH REGARDS TO MATERIAL TRANSFER DEVICES (MTD) TRAVELING OVER EXISTING STRUCTURES:

ONLY AN EMPTY MTD WITH A MAXIMUM GROSS WEIGHT OF 40 TONS MAY CROSS OVER THE FOLLOWING STRUCTURES:

S.N. 057-0076	S.N. 057-2046	S.N. 057-8147	S.N. 057-8213
S.N. 057-0077	S.N. 057-8143	S.N. 057-8164	S.N. 057-8214
S.N. 057-2042	S.N. 057-8144	S.N. 057-8165	S.N. 057-8215
S.N. 057-2045	S.N. 057-8146	S.N. 057-8212	

IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT, THEN IT MUST BE LIMITED TO AN EMPTY GROSS WEIGHT OF 40 TONS OR LESS

MODEL: s:\MODEL\MHFS FILE: Mhfs_Plan\Bor-zw-bentley.com\PROJECTS\DOT\Office\District 5\Project\570866\CaddData\Caddsheet\570866.dwg HighwayStandard,GeneralNotes,andCommitments

USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS,
GENERAL NOTES, & COMMITMENTS

SCALE: 1:20 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCCLEAN	61	2
			CONTRACT NO. 70E86	
ILLINOIS FED. AID PROJECT				

REV. 2/17/23

LOCATION OF WORK: F.A. P. 693 (ILL 9)
 RURAL 2L 2W
 MINOR ARTERIAL
 STA 437+70.00 TO
 STA 1565+44.00
 MCLEAN COUNTY

FUNDING BREAKOUT: 80% FEDERAL / 20% STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	102,880.0
40600372	LONGITUDINAL JOINT SEALANT, HALF-WIDTH	FOOT	105,491.0
40600990	TEMPORARY RAMP	SQ YD	208.0
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	10,671.0
40604050	HOT-MIX ASPHALT SURFACE COURSE, MIX " ", N50	TON	12,805.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	872.0
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	158,094.0
44201789	CLASS D PATCHES, TYPE II, 12 INCHES	SQ YD	104.0
44201794	CLASS D PATCHES, TYPE I11, 12 INCHES	SQ YD	139.0
44201796	CLASS D PATCHES, TYPE IV, 12 INCHES	SQ YD	174.0
48101202	AGGREGATE SHOULDERS, TYPE B	CU YD	508.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,867.0
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,200.0
* 63000051	WEAK POST GUARDRAIL ATTACHED TO CULVERT, CASE II	FOOT	284.0

* DENOTES SPECIALTY ITEM

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PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: | SHEET 1 OF 3 SHEETS | STA. TO STA.

F.A.P. RTE. 693	SECTION 21,22)RS-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 3
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

LOCATION OF WORK: F.A.P. 693 (ILL 9)
RURAL 2L 2W
MINOR ARTERIAL
STA 437+70.00 TO
STA 1565+44.00
MCLEAN COUNTY

FUNDING BREAKOUT: 80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	175.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	41.0
63200310	GUARDRAIL REMOVAL	FOOT	5,222.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	7.0
67100100	MOBILIZATION	L SUM	1.0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	26,385.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	8,795.0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	118,731.0
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	41.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	118,731.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	663.0
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	72.0

* DENOTES SPECIALTY ITEM

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PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	4
			CONTRACT NO. 70E86	
ILLINOIS FED. AID PROJECT				

LOCATION OF WORK: F.A.P. 693 (ILL 9)
RURAL 2L 2W
MINOR ARTERIAL
STA 437+70.00 TO
STA 1565+44.00
MCLEAN COUNTY
FUNDING BREAKOUT: 80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	663.0
X0326697	CENTER LINE - RUMBLE STRIP - 8"	FOOT	52,746.0
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	39,577.0
* X6310188	TRAFFIC BARRIER TERMINAL, TYPE 6A (MODIFIED)	EACH	4.0
* XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	22.0
Z0013798	CONSTRUCTION LAYOUT	LSUM	1.0
* Z0070202	SURVEY MARKER VAULT	EACH	17.0

* DENOTES SPECIALTY ITEM

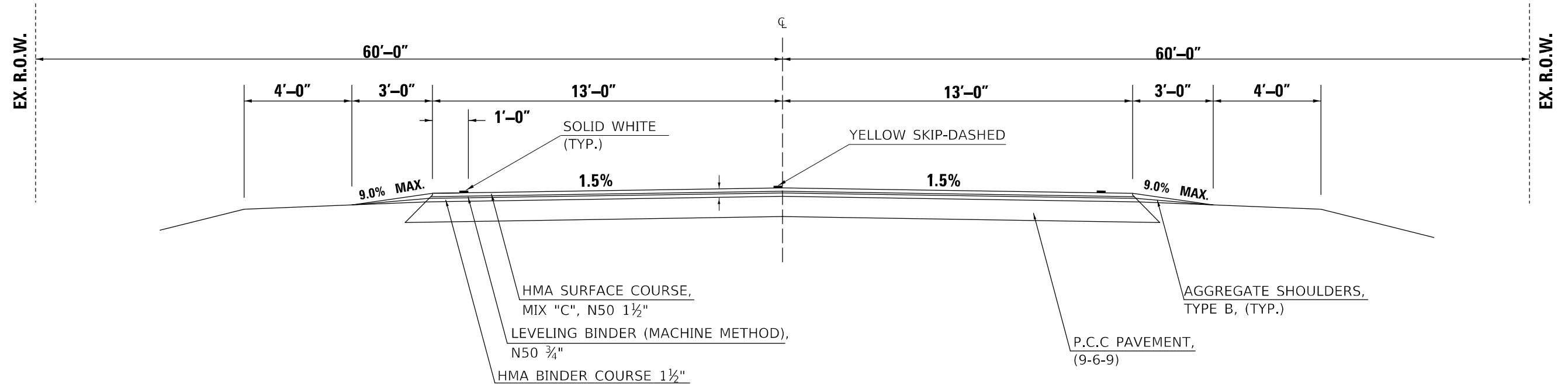
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	DATE -	REVISED -						CONTRACT NO. 70E86				

***STATION EQUATION:**
 476 + 50.00 (BK) = 477 + 00.00 (AH)

(A) EXISTING TYPICAL SECTION

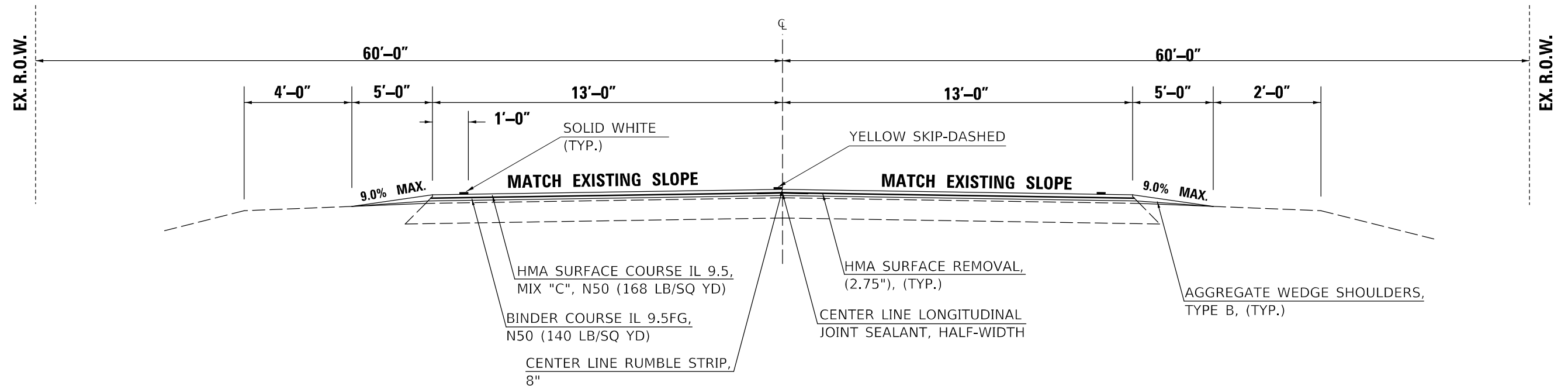
STATION	TO	STATION
437 + 70.00		476 + 50.00 *
* 447 + 00.00		510 + 50.00



***STATION EQUATION:**
 476 + 50.00 (BK) = 477 + 00.00 (AH)

(1) PROPOSED TYPICAL SECTION

STATION	TO	STATION
437 + 70.00		476 + 50.00 *
* 447 + 00.00		510 + 50.00



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED
 TYPICAL CROSS SECTIONS**

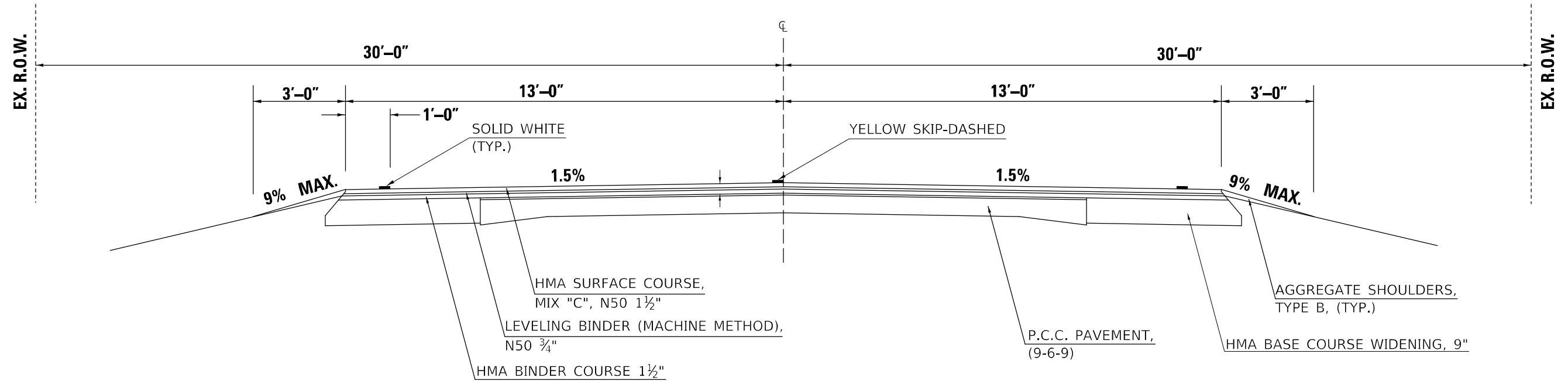
SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	6
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

***STATION EQUATION:**
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(B) EXISTING TYPICAL SECTION

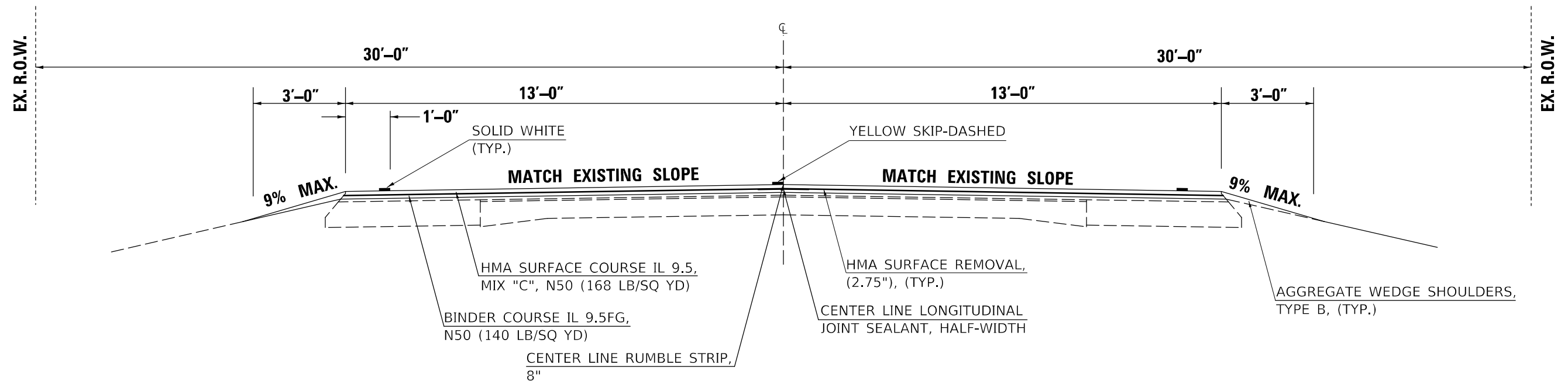
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 *2018 + 00.00 1942 + 89.86



***STATION EQUATION:**
 514 + 00.00 (BK) = 2018 + 00.00 (AH)

(2) PROPOSED TYPICAL SECTION

STATION TO STATION
 510 + 50.00 514 + 00.00 *
 *2018 + 00.00 1942 + 89.86



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

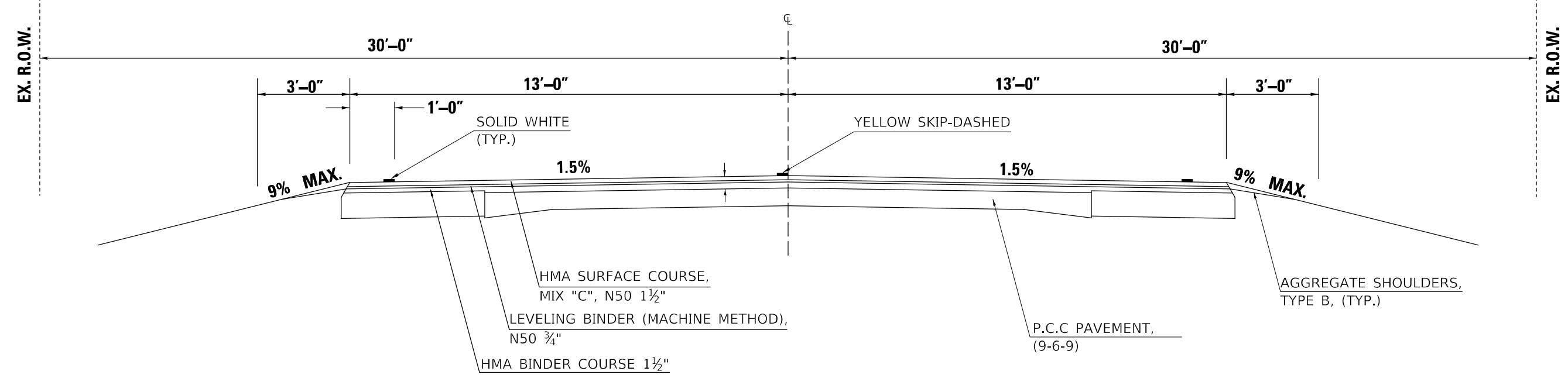
**EXISTING AND PROPOSED
 TYPICAL CROSS SECTIONS**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	7
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

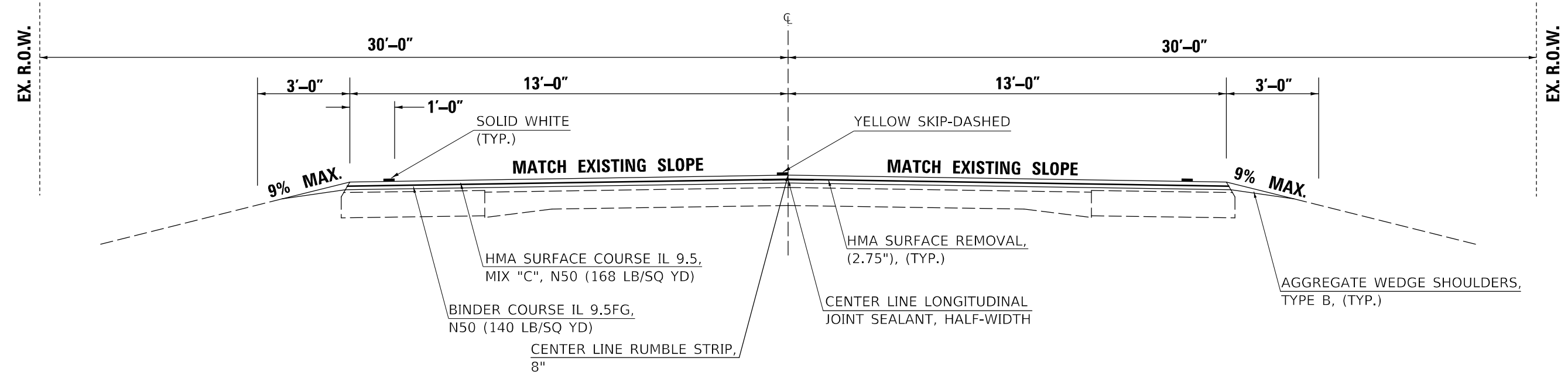
C EXISTING TYPICAL SECTION

STATION	TO	STATION
1942 + 89.86		1860 + 00.00
1846 + 00.00		1729 + 00.00
1708 + 00.00		1661 + 39.20



3 PROPOSED TYPICAL SECTION

STATION	TO	STATION
1942 + 89.86		1860 + 00.00
1846 + 00.00		1729 + 00.00
1708 + 00.00		1661 + 39.20



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PLOT DATE = 2/3/2023	DATE -	REVISED -

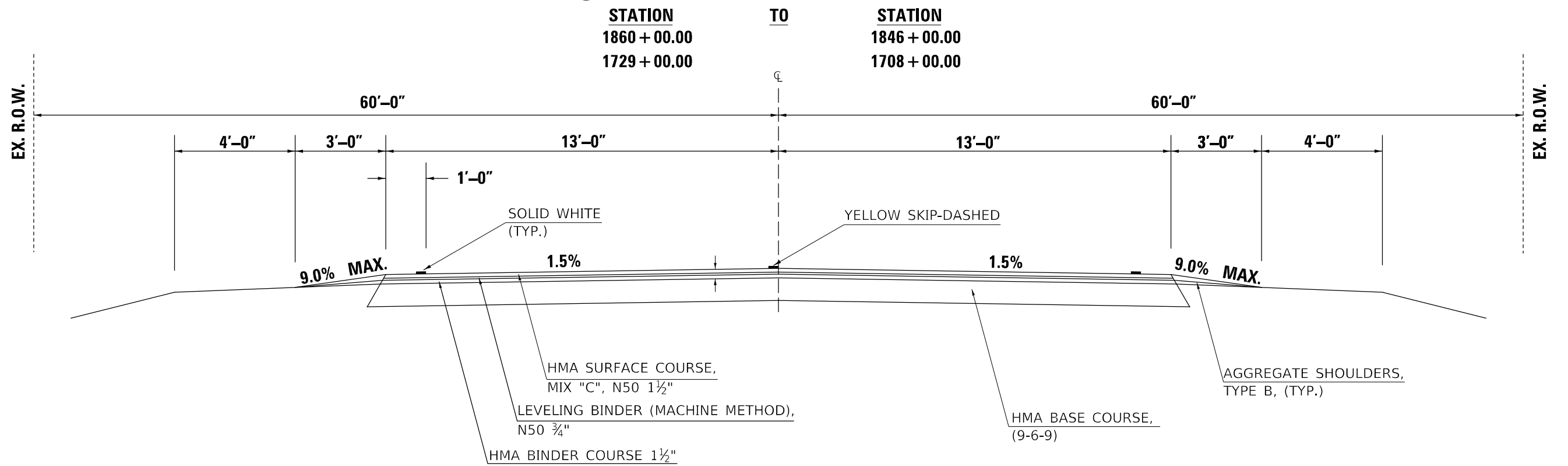
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED
TYPICAL CROSS SECTIONS**

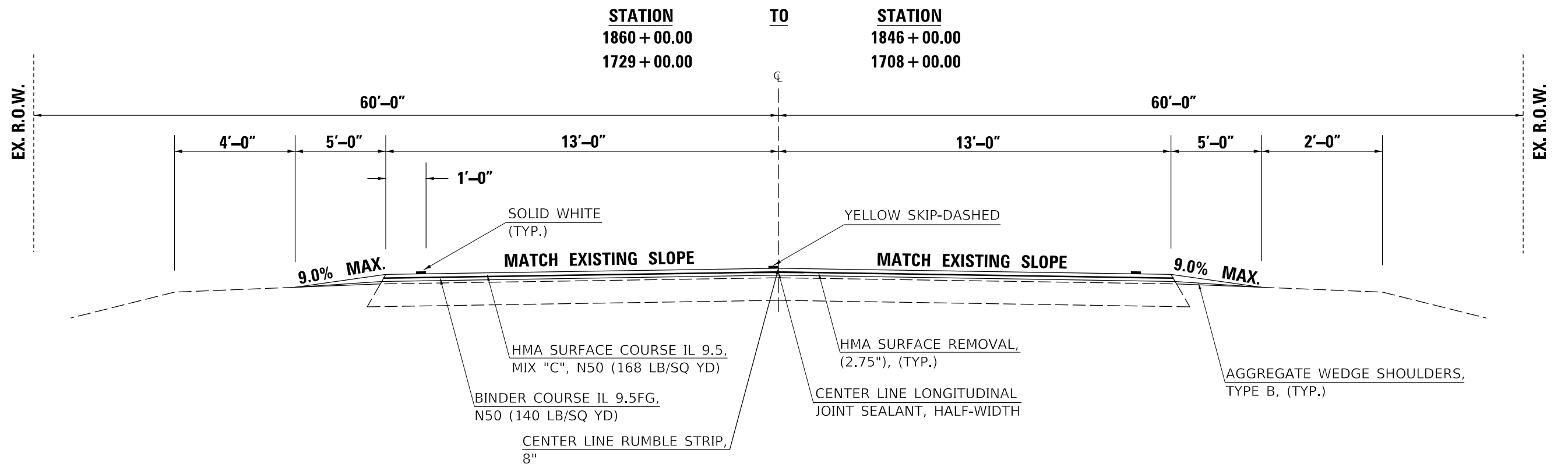
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	8
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

(D) EXISTING TYPICAL SECTION



(4) PROPOSED TYPICAL SECTION



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED
 TYPICAL CROSS SECTIONS**

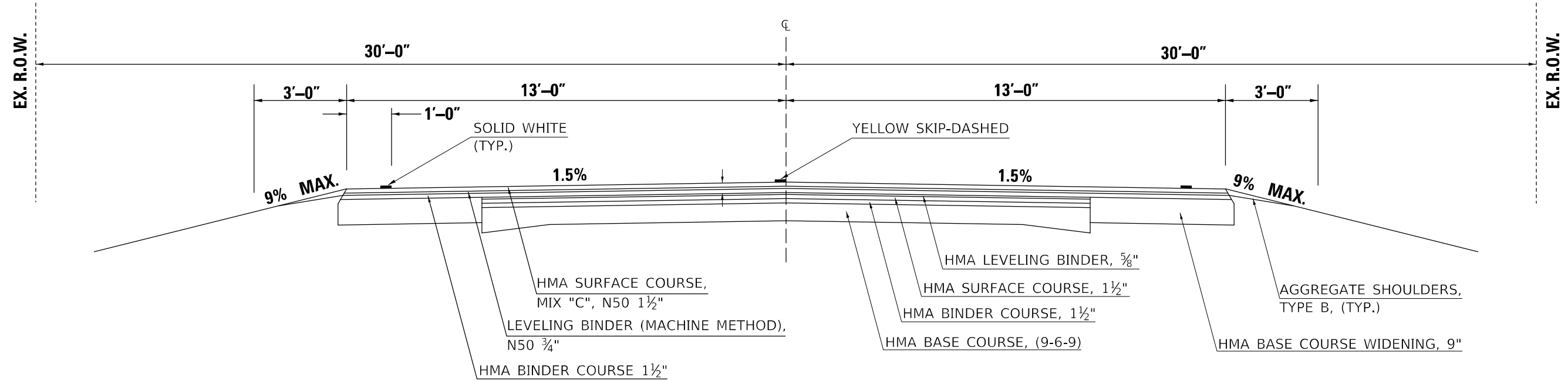
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	9
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

***STATION EQUATION:**
 1658 + 32.57 (BK) = 1658 + 28.53 (AH)

(E) EXISTING TYPICAL SECTION

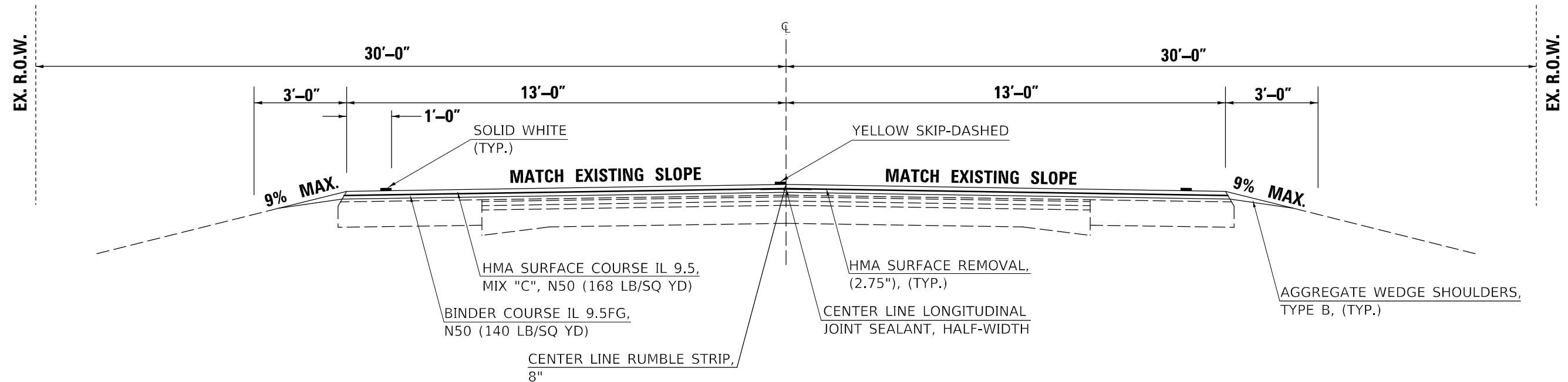
STATION TO STATION
 1661 + 39.20 1658 + 32.57 *
 *1658 + 28.53 1565 + 44.00



***STATION EQUATION:**
 1658 + 32.57 (BK) = 1658 + 28.53 (AH)

(5) PROPOSED TYPICAL SECTION

STATION TO STATION
 1661 + 39.20 1658 + 32.57 *
 *1658 + 28.53 1565 + 44.00



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED
 TYPICAL CROSS SECTIONS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	10
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

MAINLINE RESURFACING
EASTBOUND LANE

TYPICAL CROSS SECTION	DESCRIPTION	STA.	TO	STA.	LENGTH (FOOT)	LANE AREA (HMA REMOVAL) SQ YD	SURF COURSE THICKNESS INCH	LEVEL BINDER INCH	40600290	40602965	40600990	40604050	44000160	40600372	X0326697	48102100	40800050
									BIT MATL (TACK COAT) (TOTAL) POUND	HOT -MIX ASPHALT BINDER COURSE, N50 TON	TEMP RAMP SQ YD	HMA SURFACE COURSE, MIX "C" N50 TON	HMA SURF REMOVAL, 2.75 INCH SQ YD	LONG JOINT SEALANT, HALF-WIDTH (FOOT)	CENTERLINE RUMBLE STRIP 8" (FOOT)	AGG WEDGE SHLD TYPE B TON	INCIDENTAL HMA SURF TON
<i>BEGINNING OF PROJECT: STA 437+00.00</i>																	
1		437+70.00	TO	444+09.27	639.27	923.39	1.50	1.25	639.27	64.64	13.00	77.56	923.39	639.27	639.27	16.65	
1	FIELD ENTRANCE	444+09.27	TO	444+17.28	8.01	11.57	1.50	1.25	8.01	0.81		0.97	11.57	8.01	8.01		
1		444+17.28	TO	450+92.42	675.14	975.20	1.50	1.25	675.14	68.26		81.92	975.20	675.14	675.14	17.58	
1	S.N. 057-8143	450+92.42	TO	451+05.28	12.86	18.58	1.50	1.25	12.86	1.30		1.56	18.58	12.86	12.86		
1		451+05.28	TO	464+07.56	1,302.28	1,881.07	1.50	1.25	1,302.28	131.67		158.01	1,881.07	1,302.28	1,302.28	33.91	
1	FIELD ENTRANCE	464+07.56	TO	464+23.03	15.47	22.35	1.50	1.25	15.47	1.56		1.88	22.35	15.47	15.47		
1		464+23.03	TO	469+43.38	520.35	751.62	1.50	1.25	520.35	52.61		63.14	751.62	520.35	520.35	13.55	
1	2400 E	469+43.38	TO	472+09.68	266.30	384.66	1.50	1.25	266.30	26.93		32.31	1,395.73	266.30	266.30		155.70
1		472+09.68	TO	473+78.69	169.01	244.13	1.50	1.25	169.01	17.09		20.51	244.13	169.01	169.01	4.40	
1	PRIVATE ENTRANCE	473+78.69	TO	474+61.40	82.71	119.47	1.50	1.25	82.71	8.36		10.04	183.68	82.71	82.71		9.89
1		474+61.40	TO	476+27.86	166.46	240.44	1.50	1.25	166.46	16.83		20.20	240.44	166.46	166.46	4.33	
1	PRIVATE ENTRANCE	476+27.86	TO	476+50.00	22.14	31.98	1.50	1.25	22.14	2.24		2.69	59.46	22.14	22.14		4.23
<i>STA. EQUATION: 476+50.00 BK= 477+00.00 AH</i>																	
1	PRIVATE ENTRANCE	477+00.00	TO	477+10.01	10.01	14.46	1.50	1.25	10.01	1.01		1.21	14.46	10.01	10.01		
1		477+10.01	TO	488+78.70	1,168.69	1,688.11	1.50	1.25	1,168.69	118.17		141.80	1,688.11	1,168.69	1,168.69	30.43	
1	FIELD ENTRANCE	488+78.70	TO	488+91.13	12.43	17.95	1.50	1.25	12.43	1.26		1.51	17.95	12.43	12.43		
1		488+91.13	TO	497+00.62	809.49	1,169.26	1.50	1.25	809.49	81.85		98.22	1,169.26	809.49	809.49	21.08	
1	PRIVATE ENTRANCE	497+00.62	TO	497+33.50	32.88	47.49	1.50	1.25	32.88	3.32		3.99	47.49	32.88	32.88		
1		497+33.50	TO	503+26.32	592.82	856.30	1.50	1.25	592.82	59.94		71.93	856.30	592.82	592.82	15.44	
	S.N. 057-8147	503+26.32	TO	503+38.98	12.66	18.29	1.50	1.25	12.66	1.28		1.54	18.29	12.66	12.66		
1/2		503+38.98	TO	514+00.00	1,061.02	1,532.58	1.50	1.25	1,061.02	107.28		128.74	1,532.58	1,061.02	1,061.02	27.63	
<i>STA. EQUATION: 514+00.00 BK= 2018+00.00 AH</i>																	
2		2018+00.00	TO	2016+18.94	181.06	261.53	1.50	1.25	181.06	18.31		21.97	261.53	181.06	181.06	2.83	
2	PRIVATE ENTRANCE	2016+18.94	TO	2016+05.41	13.53	19.54	1.50	1.25	13.53	1.37		1.64	19.54	13.53	13.53		
2		2016+05.41	TO	1997+38.70	1,866.71	2,696.36	1.50	1.25	1,866.71	188.75		226.49	2,696.36	1,866.71	1,866.71	29.17	
2	PRIVATE ENTRANCE	1997+38.70	TO	1996+54.23	84.47	122.01	1.50	1.25	84.47	8.54		10.25	174.86	84.47	84.47		8.14

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	11
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING EASTBOUND LANE (CONTINUED)

2		1996+54.23	TO	1989+15.86	738.37	1,066.53	1.50	1.25	738.37	74.66	89.59	1,066.53	738.37	738.37	11.54
2	FIELD ENTRANCE	1989+15.86	TO	1989+00.09	15.77	22.78	1.50	1.25	15.77	1.59	1.91	22.78	15.77	15.77	
2		1989+00.09	TO	1984+14.73	485.36	701.08	1.50	1.25	485.36	49.08	58.89	701.08	485.36	485.36	7.58
2	PRIVATE ENTRANCE	1984+14.73	TO	1983+70.41	44.32	64.02	1.50	1.25	44.32	4.48	5.38	64.02	44.32	44.32	
2		1983+70.41	TO	1981+26.04	244.37	352.98	1.50	1.25	244.37	24.71	29.65	352.98	244.37	244.37	3.82
	S.N. 057-8212	1981+26.04	TO	1981+09.37	16.67	24.08	1.50	1.25	16.67	1.69	2.02	24.08	16.67	16.67	
2		1981+09.37	TO	1974+13.95	695.42	1,004.50	1.50	1.25	695.42	70.31	84.38	1,004.50	695.42	695.42	10.87
2	FIELD ENTRANCE	1974+13.95	TO	1973+94.34	19.61	28.33	1.50	1.25	19.61	1.98	2.38	28.33	19.61	19.61	
2		1973+94.34	TO	1962+65.54	1,128.80	1,630.49	1.50	1.25	1,128.80	114.13	136.96	1,630.49	1,128.80	1,128.80	17.64
	S.N. 057-2045	1962+65.54	TO	1962+41.38	24.16	34.90	1.50	1.25	24.16	2.44	2.93	34.90	24.16	24.16	
2		1962+41.38	TO	1955+74.77	666.61	962.88	1.50	1.25	666.61	67.40	80.88	962.88	666.61	666.61	10.42
	S.N. 057-2046	1955+74.77	TO	1955+54.33	20.44	29.52	1.50	1.25	20.44	2.07	2.48	29.52	20.44	20.44	
2		1955+54.33	TO	1945+13.13	1,041.20	1,503.96	1.50	1.25	1,041.20	105.28	126.33	1,503.96	1,041.20	1,041.20	16.27
2	2600 E	1945+13.13	TO	1943+37.05	176.08	254.34	1.50	1.25	176.08	17.80	21.36	1,012.50	176.08	176.08	116.76
2/3		1943+37.05	TO	1923+27.80	2,009.25	2,902.25	1.50	1.25	2,009.25	203.16	243.79	2,902.25	2,009.25	2,009.25	31.39
3	FIELD ENTRANCE	1923+27.80	TO	1923+09.66	18.14	26.20	1.50	1.25	18.14	1.83	2.20	26.20	18.14	18.14	
3		1923+09.66	TO	1917+28.65	581.01	839.24	1.50	1.25	581.01	58.75	70.50	839.24	581.01	581.01	9.08
	S.N. 057-0076 OMISSION	1917+28.65	TO	1916+91.64	37.01	53.46	1.50	1.25			26.0				
3		1916+91.64	TO	1907+96.53	895.11	1,292.94	1.50	1.25	895.11	90.51	108.61	1,292.94	895.11	895.11	13.99
3	FIELD ENTRANCE	1907+96.53	TO	1907+79.27	17.26	24.93	1.50	1.25	17.26	1.75	2.09	24.93	17.26	17.26	
3		1907+79.27	TO	1890+85.89	1,693.38	2,445.99	1.50	1.25	1,693.38	171.22	205.46	2,445.99	1,693.38	1,693.38	26.46
3	2700 E	1890+85.89	TO	1890+33.03	52.86	76.35	1.50	1.25	52.86	5.34	6.41	138.65	52.86	52.86	9.59
3		1890+33.03	TO	1873+78.04	1,654.99	2,390.54	1.50	1.25	1,654.99	167.34	200.81	2,390.54	1,654.99	1,654.99	25.86
3	PRIVATE ENTRANCE	1873+78.04	TO	1872+81.21	96.83	139.87	1.50	1.25	96.83	9.79	11.75	214.13	96.83	96.83	11.44
3		1872+81.21	TO	1864+03.99	877.22	1,267.10	1.50	1.25	877.22	88.70	106.44	1,267.10	877.22	877.22	13.71
3	FIELD ENTRANCE	1864+03.99	TO	1863+88.61	15.38	22.22	1.50	1.25	15.38	1.56	1.87	22.22	15.38	15.38	
3/4		1863+88.61	TO	1848+53.14	1,535.47	2,217.90	1.50	1.25	1,535.47	155.25	186.30	2,217.90	1,535.47	1,535.47	39.99
4	PRIVATE ENTRANCE	1848+53.14	TO	1847+51.30	101.84	147.10	1.50	1.25	101.84	10.30	12.36	234.98	101.84	101.84	13.53
3/4		1847+51.30	TO	1811+90.67	3,560.63	5,143.13	1.50	1.25	3,560.63	360.02	432.02	5,209.16	3,560.63	3,560.63	92.72

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	12
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

MAINLINE RESURFACING EASTBOUND LANE (CONTINUED)

3	2850 E	1811+90.67	TO	1810+56.23	134.44	194.19	1.50	1.25	134.44	13.59	16.31	960.09	134.44	134.44	117.95
3		1810+56.23	TO	1800+50.24	1005.99	1,453.10	1.50	1.25	1,005.99	101.72	122.06	1,453.10	1,005.99	1,005.99	15.72
3	FIELD ENTRANCE	1800+50.24	TO	1800+34.66	15.58	22.50	1.50	1.25	15.58	1.58	1.89	22.50	15.58	15.58	
3		1800+34.66	TO	1784+97.51	1537.15	2,220.33	1.50	1.25	1,537.15	155.42	186.51	2,220.33	1,537.15	1,537.15	24.02
3	2900 E	1784+97.51	TO	1784+35.50	62.01	89.57	1.50	1.25	62.01	6.27	7.52	163.29	62.01	62.01	11.35
3		1784+35.50	TO	1776+19.27	816.23	1,179.00	1.50	1.25	816.23	82.53	99.04	1,179.00	816.23	816.23	12.75
3	FIELD ENTRANCE	1776+19.27	TO	1775+97.81	21.46	31.00	1.50	1.25	21.46	2.17	2.60	31.00	21.46	21.46	
3		1775+97.81	TO	1771+16.84	480.97	694.73	1.50	1.25	480.97	48.63	58.36	694.73	480.97	480.97	7.52
3	FIELD ENTRANCE	1771+16.84	TO	1770+99.61	17.23	24.89	1.50	1.25	17.23	1.74	2.09	24.89	17.23	17.23	
3		1770+99.61	TO	1758+12.64	1286.97	1,858.96	1.50	1.25	1,286.97	130.13	156.15	1,858.96	1,286.97	1,286.97	20.11
3	FIELD ENTRANCE	1758+12.64	TO	1757+95.14	17.5	25.28	1.50	1.25	17.50	1.77	2.12	25.28	17.50	17.50	
3		1757+95.14	TO	1741+74.25	1620.89	2,341.29	1.50	1.25	1,620.89	163.89	196.67	2,341.29	1,620.89	1,620.89	25.33
	S.N. 057-8213	1741+74.25	TO	1741+57.92	16.33	23.59	1.50	1.25	16.33	1.65	1.98	23.59	16.33	16.33	
3		1741+57.92	TO	1738+30.83	327.09	472.46	1.50	1.25	327.09	33.07	39.69	472.46	327.09	327.09	5.11
3	FIELD ENTRANCE	1738+30.83	TO	1738+13.06	17.77	25.67	1.50	1.25	17.77	1.80	2.16	25.67	17.77	17.77	
3		1738+13.06	TO	1731+91.21	621.85	898.23	1.50	1.25	621.85	62.88	75.45	898.23	621.85	621.85	9.72
3	3000 E	1731+91.21	TO	1730+98.92	92.29	133.31	1.50	1.25	92.29	9.33	11.20	258.12	92.29	92.29	19.22
3/4		1730+98.92	TO	1725+21.99	576.93	833.34	1.50	1.25	576.93	58.33	70.00	833.34	576.93	576.93	15.02
4	FIELD ENTRANCE	1725+21.99	TO	1725+01.08	20.91	30.20	1.50	1.25	20.91	2.11	2.54	30.20	20.91	20.91	
4		1725+01.08	TO	1722+95.95	205.13	296.30	1.50	1.25	205.13	20.74	24.89	296.30	205.13	205.13	5.34
	S.N. 057-8164	1722+95.95	TO	1722+82.20	13.75	19.86	1.50	1.25	13.75	1.39	1.67	19.86	13.75	13.75	
4		1722+82.20	TO	1720+10.26	271.94	392.80	1.50	1.25	271.94	27.50	33.00	392.80	271.94	271.94	7.08
4	FIELD ENTRANCE	1720+10.26	TO	1719+97.10	13.16	19.01	1.50	1.25	13.16	1.33	1.60	19.01	13.16	13.16	
4		1719+97.10	TO	1716+65.52	331.58	478.95	1.50	1.25	331.58	33.53	40.23	478.95	331.58	331.58	8.63
	S.N. 057-8165	1716+65.52	TO	1716+51.61	13.91	20.09	1.50	1.25	13.91	1.41	1.69	20.09	13.91	13.91	
3/4		1716+51.61	TO	1706+89.31	962.3	1,389.99	1.50	1.25	962.30	97.30	116.76	1,389.99	962.30	962.30	25.06
3	FIELD ENTRANCE	1706+89.31	TO	1706+74.82	14.49	20.93	1.50	1.25	14.49	1.47	1.76	20.93	14.49	14.49	
3		1706+74.82	TO	1699+43.92	730.9	1,055.74	1.50	1.25	730.90	73.90	88.68	1,055.74	730.90	730.90	11.42
3	FIELD ENTRANCE	1699+43.92	TO	1699+21.78	22.14	31.98	1.50	1.25	22.14	2.24	2.69	31.98	22.14	22.14	
3		1699+21.78	TO	1685+37.27	1384.51	1,999.85	1.50	1.25	1,384.51	139.99	167.99	1,999.85	1,384.51	1,384.51	21.63

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	13
				CONTRACT NO. 70E86
		ILLINOIS	FED. AID PROJECT	

MAINLINE RESURFACING EASTBOUND LANE (CONTINUED)

3	FIELD ENTRANCE	1685+37.27	TO	1685+08.25	29.02	41.92	1.50	1.25	29.02	2.93	3.52	41.92	29.02	29.02	
3		1685+08.25	TO	1681+27.60	380.65	549.83	1.50	1.25	380.65	38.49	46.19	549.83	380.65	380.65	5.95
3	FIELD ENTRANCE	1681+27.60	TO	1681+10.35	17.25	24.92	1.50	1.25	17.25	1.74	2.09	24.92	17.25	17.25	
3		1681+10.35	TO	1676+57.26	453.09	654.46	1.50	1.25	453.09	45.81	54.97	654.46	453.09	453.09	7.08
	S.N. 057-8214	1676+57.26	TO	1676+41.19	16.07	23.21	1.50	1.25	16.07	1.62	1.95	23.21	16.07	16.07	
3		1676+41.19	TO	1673+17.13	324.06	468.09	1.50	1.25	324.06	32.77	39.32	468.09	324.06	324.06	5.06
3	FIELD ENTRANCE	1673+17.13	TO	1672+83.95	33.18	47.93	1.50	1.25	33.18	3.35	4.03	47.93	33.18	33.18	
3		1672+83.95	TO	1669+79.94	304.01	439.13	1.50	1.25	304.01	30.74	36.89	439.13	304.01	304.01	4.75
3	PRIVATE ENTRANCE	1669+79.94	TO	1668+90.02	89.92	129.88	1.50	1.25	89.92	9.09	10.91	187.96	89.92	89.92	8.94
3/5		1668+90.02	TO	1660+61.66	828.36	1,196.52	1.50	1.25	828.36	83.76	100.51	1,196.52	828.36	828.36	12.94
5	FIELD ENTRANCE	1660+61.66	TO	1660+44.02	17.64	25.48	1.50	1.25	17.64	1.78	2.14	25.48	17.64	17.64	
5		1660+44.02	TO	1658+32.09	211.93	306.12	1.50	1.25	211.93	21.43	25.71	306.12	211.93	211.93	3.31
STA. EQUATION: 1658+32.09 BK= 1658+30.20 AH															
5		1658+30.20	TO	1650+75.83	754.37	1,089.65	1.50	1.25	754.37	76.28	91.53	1,089.65	754.37	754.37	11.79
5	FIELD ENTRANCE	1650+75.83	TO	1650+57.14	18.69	27.00	1.50	1.25	18.69	1.89	2.27	27.00	18.69	18.69	
5		1650+57.14	TO	1647+24.05	333.09	481.13	1.50	1.25	333.09	33.68	40.41	481.13	333.09	333.09	5.20
	S.N. 057-0077 OMISSION	1647+24.05	TO	1646+98.14	25.91	37.43	1.50	1.25			26				
5		1646+98.14	TO	1627+71.88	1926.26	2,782.38	1.50	1.25	1,926.26	194.77	233.72	2,818.00	1,926.26	1,926.26	30.10
5	3200 E	1627+71.88	TO	1626+84.80	87.08	125.78	1.50	1.25	87.08	8.80	10.57	245.45	87.08	87.08	18.43
5		1626+84.80	TO	1614+47.86	1236.94	1,786.69	1.50	1.25	1,236.94	125.07	150.08	1,786.69	1,236.94	1,236.94	19.33
5	FIELD ENTRANCE	1614+47.86	TO	1614+25.75	22.11	31.94	1.50	1.25	22.11	2.24	2.68	31.94	22.11	22.11	
5		1614+25.75	TO	1612+19.65	206.1	297.70	1.50	1.25	206.10	20.84	25.01	297.70	206.10	206.10	3.22
5	FIELD ENTRANCE	1612+19.65	TO	1611+98.71	20.94	30.25	1.50	1.25	20.94	2.12	2.54	30.25	20.94	20.94	
5		1611+98.71	TO	1609+12.75	285.96	413.05	1.50	1.25	285.96	28.91	34.70	413.05	285.96	285.96	4.47
	S.N. 057-2042 OMISSION	1609+12.75	TO	1608+86.73	26.02	37.58	1.50	1.25			26				
5		1608+86.73	TO	1605+05.47	381.26	550.71	1.50	1.25	381.26	38.55	46.26	550.71	381.26	381.26	5.96
5	FIELD ENTRANCE	1605+05.47	TO	1604+79.53	25.94	37.47	1.50	1.25	25.94	2.62	3.15	37.47	25.94	25.94	
5		1604+79.53	TO	1587+37.78	1741.75	2,515.86	1.50	1.25	1,741.75	176.11	211.33	2,515.86	1,741.75	1,741.75	27.21
5	FIELD ENTRANCE	1587+37.78	TO	1587+19.85	17.93	25.90	1.50	1.25	17.93	1.81	2.18	25.90	17.93	17.93	
5		1587+19.85	TO	1575+44.31	1175.54	1,698.00	1.50	1.25	1,175.54	118.86	142.63	1,698.00	1,175.54	1,175.54	18.37

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	14
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING EASTBOUND LANE (CONTINUED)

5	3300 E	1575+44.31	TO	1574+15.97	128.34	185.38	1.50	1.25	128.34	12.98		15.57	361.42	128.34	128.34		27.11	
5		1574+15.97	TO	1565+44.00	871.97	1,259.51	1.50	1.25	871.97	88.17	13	105.80	1,259.51	871.97	871.97	13.62		
<i>END OF PROJECT: STA 1565+44.00</i>								EASTBOUND TOTALS:		52,745.17	5,333.12	104.00	6,399.75	79,745.55	52,745.17	52,745.17	941.16	547.95

CLASS D PATCHING SCHEDULE

LOCATION	STATION	DIRECTION EB/WB	NUMBER OF LANE	LENGTH (FEET)	LANE WIDTH (FEET)	AREA SQ FT	AREA SQ YD	44201789	44201794	44201796	
								CLASS D PATCHES, TYPE II, 12 INCHES SQ YD	CLASS D PATCHES, TYPE III, 12 INCHES SQ YD	CLASS D PATCHES, TYPE IV, 12 INCHES SQ YD	
1	440+45.00	EB	1	20	13	260.0	28.9			28.9	
2	450+11.00	EB	1	8	13	104.0	11.6	11.6			
3	461+94.00	EB	1	8	13	104.0	11.6	11.6			
4.A	470+51.00	EB	1	10	13	130.0	14.4	14.4			
4.B	470+51.00	WB	1	10	13	130.0	14.4	14.4			
STA. EQUATION: STA. 476+50.00 (BK) = STA. 477+00.17 (AH)											
5	500+46.00	EB	1	8	13	104.0	11.6		11.6		
6	503+70.00	EB	1	20	13	260.0	28.9			28.9	
7	505+77.00	EB	1	30	13	390.0	43.3			43.3	
STA. EQUATION: STA. 514+00.00 (BK) = STA. 2018+00.00 (AH)											
8	1966+52.00	EB	1	8	13	104.0	11.6	11.6	11.6		
9	1932+88.00	EB	1	10	13	130.0	14.4			14.4	
-	Project	-	1	20	13	260.0	28.9			28.9	
-	Project	-	1	20	13	260.0	28.9	28.9		28.9	
-	Project	-	1	20	13	260.0	28.9		28.9		
-	Project	-	1	20	13	260.0	28.9		28.9		
-	Project	-	1	20	13	260.0	28.9		28.9		
-	Project	-	1	20	13	260.0	28.9		28.9		
-	Project	-	1	8	13	104.0	11.6	11.6			
								TOTAL:	104.0	138.7	173.3
								ROUND TOTAL:	104.0	139.0	174.0

*ESTIMATED TOTAL VALUE

AGGREGATE SHOULDERS, TYPE B SCHEDULE
(STRUCTURE LOCATIONS)

LOCATION / STRUCTURE	CL STATION	48101202	
		AGGREGATE SHOULDERS ON SHOULDERS TO HEADWALL CU YD	SHOULDER WIDENING* CU YD
LOC 1- SN 057-8143	450+98.53		56.12
LOC 2- SN 057-8147	503+32.57		77.71
LOC 3- SN 057-8212	1981+17.63	4.17	36.76
LOC 4- SN 057-2045	1962+53.34		45.4
LOC 5- SN 057-2046	1955+63.77		49.51
LOC 6- SN 057-0076	1917+15.97		10.20
LOC 7- SN 057-8213	1741+66.02	4.33	14.27
LOC 8- SN 057-8164	1722+88.93		41.64
LOC 9- SN 057-8165	1716+58.47		41.64
LOC 10- SN 057-8214	1676+49.06	4.04	35.23
LOC 11- SN 057-0077	1647+11.03		86.48
SUB-TOTAL:		12.54	494.96
ROUND TOTAL:		508.0	

*EB & WB AGGREGATE SHOULDER WIDENING QUANTITY FOR TBT TYPE 1 (TAN) SPECIAL QUANTITY

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	15
			CONTRACT NO. 70E86	
		ILLINOIS FED. AID PROJECT		

MAINLINE RESURFACING CONT.
WESTBOUND LANE

TYPICAL CROSS SECTION	DESCRIPTION	STA.	TO	STA.	LENGTH FOOT	LANE AREA (HMA REMOVAL) SQ YD	SURF COURSE THICKNESS INCH	BINDER INCH	40600290	40602965	40600990	40604050	44000160	40600372	X0326697	48102100	40800050
									BIT MATL (TACK COAT) (TOTAL) POUND	HOT -MIX ASPHALT BINDER COURSE, N50 TON	TEMP RAMP SQ YD	HMA SURFACE COURSE, MIX "C" N50 TON	HMA SURF REMOVAL, 2.75 INCH SQ YD	LONG JOINT SEALANT, HALF-WIDTH FOOT	CENTERLN RUM STRIP 8 FOOT	AGG WEDGE SHLD TYPE B TON	INCIDENTAL HMA SURF TON
<i>END OF PROJECT: STA 1565+44.00</i>																	
5		1565+44.00	TO	1574+70.85	926.85	1,338.78	1.50	1.25	880.51	93.71	13.0	112.46	1,338.78	926.85		14.48	
5	3300 E	1574+70.85	TO	1576+28.32	157.47	227.46	1.50	1.25	149.60	15.92		19.11	506.61	157.47			42.99
5		1576+28.32	TO	1578+86.21	257.89	372.51	1.50	1.25	245.00	26.08		31.29	372.51	257.89		4.03	
5	PRIVATE ENTRANCE	1578+86.21	TO	1579+81.22	95.01	137.24	1.50	1.25	90.26	9.61		11.53	137.24	95.01			
5		1579+81.22	TO	1601+55.48	2,174.26	3,140.60	1.50	1.25	2,065.55	219.84		263.81	3,140.60	2,174.26		33.97	
5	FIELD ENTRANCE	1601+55.48	TO	1601+75.82	20.34	29.38	1.50	1.25	19.32	2.06		2.47	29.38	20.34			
5		1601+75.82	TO	1608+86.73	710.91	1,026.87	1.50	1.25	675.36	71.88		86.26	1,026.87	710.91		11.11	
	S.N. 057-2042 OMISSION	1608+86.73	TO	1609+12.75	26.02	37.58	1.50	1.25			26.0						
5		1609+12.75	TO	1611+33.10	220.35	318.28	1.50	1.25	209.33	22.28		26.74	318.28	220.35		3.44	
5	PRIVATE ENTRANCE	1611+33.10	TO	1611+61.39	28.29	40.86	1.50	1.25	26.88	2.86		3.43	91.26	28.29			7.76
5		1611+61.39	TO	1627+76.36	1,614.97	2,332.73	1.50	1.25	1,534.22	163.29		195.95	2,332.73	1,614.97		25.23	
5	3200 E	1627+76.36	TO	1628+32.90	56.54	81.67	1.50	1.25	53.71	5.72		6.86	160.72	56.54			12.17
5		1628+32.90	TO	1638+46.54	1,013.64	1,464.15	1.50	1.25	962.96	102.49		122.99	1,464.15	1,013.64		15.84	
5	PRIVATE ENTRANCE	1638+46.54	TO	1639+08.42	61.88	89.38	1.50	1.25	58.79	6.26		7.51	150.08	61.88			9.35
5		1639+08.42	TO	1641+45.29	236.87	342.15	1.50	1.25	225.03	23.95		28.74	342.15	236.87		3.70	
5	FIELD ENTRANCE	1641+45.29	TO	1641+81.36	36.07	52.10	1.50	1.25	34.27	3.65		4.38	52.10	36.07			
5		1641+81.36	TO	1646+98.14	516.78	746.46	1.50	1.25	490.94	52.25		62.70	746.46	516.78		8.07	
	S.N. 057-0077 OMISSION	1646+98.14	TO	1647+24.04	25.90	37.41	1.50	1.25			26.0						
5		1647+24.04	TO	1657+97.58	1,073.54	1,550.67	1.50	1.25	1,019.86	108.55		130.26	1,550.67	1,073.54		16.77	
5	FIELD ENTRANCE	1657+97.58	TO	1658+25.20	27.62	39.90	1.50	1.25	26.24	2.79		3.35	39.90	27.62			
5		1658+25.20	TO	1658+30.20	5.00	7.22	1.50	1.25	4.75	0.51		0.61	7.22	5.00		0.08	
<i>STA. EQUATION: 1658+32.09 BK= 1658+30.20 AH</i>																	
3/5		1658+32.09	TO	1674+61.37	1,629.28	2,353.40	1.50	1.25	1,547.82	164.74		197.69	2,353.40	1,629.28		25.46	
3	FIELD ENTRANCE	1674+61.37	TO	1674+78.75	17.38	25.10	1.50	1.25	16.51	1.76		2.11	25.10	17.38			
3		1674+78.75	TO	1676+41.19	162.44	234.64	1.50	1.25	154.32	16.42		19.71	234.64	162.44		2.54	
	S.N. 057-8214	1676+41.19	TO	1676+57.26	16.07	23.21	1.50	1.25	15.27	1.62		1.95	23.21	16.07			

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES

SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	16
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING WESTBOUND LANE (CONTINUED)

3		1676+57.26	TO	1681+16.15	458.89	713.83	1.50	1.25	458.89	49.97	59.96	713.83	458.89	7.17
3	3100 E	1681+16.15	TO	1681+51.20	35.05	50.63	1.50	1.25	33.30	3.54	4.25	80.68	35.05	4.63
3		1681+51.20	TO	1698+80.82	1,729.62	2,498.34	1.50	1.25	1,643.14	174.88	209.86	2,498.34	1,729.62	27.03
3	FIELD ENTRANCE	1698+80.82	TO	1699+10.46	29.64	42.81	1.50	1.25	28.16	3.00	3.60	57.81	29.64	2.31
3		1699+10.46	TO	1706+63.99	753.53	1,088.43	1.50	1.25	715.85	76.19	91.43	1,088.43	753.53	11.77
3	FIELD ENTRANCE	1706+63.99	TO	1706+80.97	16.98	24.53	1.50	1.25	16.13	1.72	2.06	24.53	16.98	
3/4		1706+80.97	TO	1712+89.66	608.69	879.22	1.50	1.25	578.26	61.55	73.85	879.22	608.69	15.85
4	FIELD ENTRANCE	1712+89.66	TO	1713+11.75	22.09	31.91	1.50	1.25	20.99	2.23	2.68	31.91	22.09	
4		1713+11.75	TO	1716+51.61	339.86	490.91	1.50	1.25	322.87	34.36	41.24	490.91	339.86	8.85
	S.N. 057-8165	1716+51.61	TO	1716+65.52	13.91	20.09	1.50	1.25	13.21	1.41	1.69	20.09	13.91	
4		1716+65.52	TO	1722+82.06	616.54	890.56	1.50	1.25	585.71	62.34	74.81	890.56	616.54	16.06
	S.N. 057-8164	1722+82.06	TO	1722+95.95	13.89	20.06	1.50	1.25	13.20	1.40	1.69	20.06	13.89	
4		1722+95.95	TO	1723+95.50	99.55	143.79	1.50	1.25	94.57	10.07	12.08	143.79	99.55	2.59
4	PRIVATE ENTRANCE	1723+95.50	TO	1724+38.62	43.12	62.28	1.50	1.25	40.96	4.36	5.23	101.84	43.12	6.09
3/4		1724+38.62	TO	1731+03.11	664.49	959.82	1.50	1.25	631.27	67.19	80.62	959.82	664.49	17.30
3	3000 E	1731+03.11	TO	1731+71.81	68.70	106.87	1.50	1.25	68.70	7.48	8.98	195.05	68.70	13.58
3		1731+71.81	TO	1738+14.70	642.89	928.62	1.50	1.25	610.75	65.00	78.00	928.62	642.89	10.05
3	FIELD ENTRANCE	1738+14.70	TO	1738+30.14	15.44	22.30	1.50	1.25	14.67	1.56	1.87	22.30	15.44	
3		1738+30.14	TO	1741+57.92	327.78	473.46	1.50	1.25	311.39	33.14	39.77	473.46	327.78	5.12
	S.N. 057-8213	1741+57.92	TO	1741+74.25	16.33	23.59	1.50	1.25	15.51	1.65	1.98	23.59	16.33	
3		1741+74.25	TO	1745+30.43	356.18	514.48	1.50	1.25	338.37	36.01	43.22	514.48	356.18	5.57
3	PRIVATE ENTRANCE	1745+30.43	TO	1745+85.29	54.86	79.24	1.50	1.25	52.12	5.55	6.66	79.24	54.86	
3		1745+85.29	TO	1757+82.31	1,197.02	1,729.03	1.50	1.25	1,137.17	121.03	145.24	1,729.03	1,197.02	18.70
3	FIELD ENTRANCE	1757+82.31	TO	1758+10.87	28.56	41.25	1.50	1.25	27.13	2.89	3.47	41.25	28.56	
3		1758+10.87	TO	1770+96.06	1,285.19	1,856.39	1.50	1.25	1,220.93	129.95	155.94	1,856.39	1,285.19	20.08
3	FIELD ENTRANCE	1770+96.06	TO	1771+14.71	18.65	26.94	1.50	1.25	17.72	1.89	2.26	26.94	18.65	
3		1771+14.71	TO	1775+90.41	475.70	687.12	1.50	1.25	451.92	48.10	57.72	687.12	475.70	7.43
3	FIELD ENTRANCE	1775+90.41	TO	1776+20.18	29.77	43.00	1.50	1.25	28.28	3.01	3.61	43.00	29.77	3.89
3		1776+20.18	TO	1784+32.65	812.47	1,173.57	1.50	1.25	771.85	82.15	98.58	1,173.57	812.47	12.69
3	FIELD ENTRANCE	1784+32.65	TO	1784+51.56	18.91	27.31	1.50	1.25	17.96	1.91	2.29	27.31	18.91	

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	17
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING WESTBOUND LANE (CONTINUED)

3		1784+51.56	TO	1791+28.16	676.60	977.31	1.50	1.25	642.77	68.41	82.09	977.31	676.60	10.57
3	FIELD ENTRANCE	1791+28.16	TO	1791+44.13	15.97	23.07	1.50	1.25	15.17	1.61	1.94	23.07	15.97	
3		1791+44.13	TO	1793+89.91	245.78	355.02	1.50	1.25	233.49	24.85	29.82	355.02	245.78	3.84
3	PRIVATE ENTRANCE	1793+89.91	TO	1794+68.05	78.14	112.87	1.50	1.25	74.23	7.90	9.48	167.80	78.14	8.46
3		1794+68.05	TO	1797+67.67	299.62	432.78	1.50	1.25	284.64	30.29	36.35	432.78	299.62	4.68
3	FIELD ENTRANCE	1797+67.67	TO	1797+95.11	27.44	39.64	1.50	1.25	26.07	2.77	3.33	39.64	27.44	
3		1797+95.11	TO	1810+67.89	1,272.78	1,838.46	1.50	1.25	1,209.14	128.69	154.43	1,838.46	1,272.78	19.89
3	2850 E	1810+67.89	TO	1811+62.34	94.45	136.43	1.50	1.25	89.73	9.55	11.46	353.04	94.45	33.36
3		1811+62.34	TO	1814+76.22	313.88	453.38	1.50	1.25	298.19	31.74	38.08	453.38	313.88	4.90
3	PRIVATE ENTRANCE	1814+76.22	TO	1815+16.40	40.18	58.04	1.50	1.25	38.17	4.06	4.88	92.34	40.18	5.28
3		1815+16.40	TO	1817+37.79	221.39	319.79	1.50	1.25	210.32	22.38	26.86	319.79	221.39	3.46
3	FIELD ENTRANCE	1817+37.79	TO	1817+54.56	16.77	24.22	1.50	1.25	15.93	1.70	2.03	24.22	16.77	
3		1817+54.56	TO	1838+45.72	2,091.16	3,020.56	1.50	1.25	1,986.60	211.44	253.73	3,020.56	2,091.16	32.67
3	FIELD ENTRANCE	1838+45.72	TO	1838+70.71	24.99	36.10	1.50	1.25	23.74	2.53	3.03	43.51	24.99	1.14
3		1838+70.71	TO	1839+47.41	76.70	110.79	1.50	1.25	72.87	7.76	9.31	110.79	76.70	1.20
3	FIELD ENTRANCE	1839+47.41	TO	1839+63.02	15.61	22.55	1.50	1.25	14.83	1.58	1.89	22.55	15.61	
3		1839+63.02	TO	1841+87.22	224.20	323.84	1.50	1.25	212.99	22.67	27.20	323.84	224.20	3.50
3	FIELD ENTRANCE	1841+87.22	TO	1842+04.25	17.03	24.60	1.50	1.25	16.18	1.72	2.07	24.60	17.03	
3/4		1842+04.25	TO	1878+05.59	3,601.34	5,201.94	1.50	1.25	3,421.27	364.14	436.96	5,201.94	3,601.34	93.78
3	FIELD ENTRANCE	1878+05.59	TO	1878+20.47	14.88	21.49	1.50	1.25	14.14	1.50	1.81	21.49	14.88	
3		1878+20.47	TO	1890+73.30	1,252.83	1,809.64	1.50	1.25	1,190.19	126.68	152.01	1,809.64	1,252.83	19.58
3	2700 E	1890+73.30	TO	1891+23.21	49.91	72.09	1.50	1.25	47.41	5.05	6.06	135.64	49.91	9.79
3		1891+23.21	TO	1917+04.43	2,581.22	3,728.43	1.50	1.25	2,452.16	260.99	313.19	3,728.43	2,581.22	40.33
3	S.N. 057-0076 OMISSION	1917+04.43	TO	1917+41.23	36.80	53.16	1.50	1.25		26.0				
2/3		1917+41.23	TO	1943+36.92	2,595.69	3,749.33	1.50	1.25	2,465.91	262.45	314.94	3,749.33	2,595.69	40.56
2	2600 E	1943+36.92	TO	1945+12.18	175.26	253.15	1.50	1.25	166.50	17.72	21.26	852.70	175.26	92.33
2		1945+12.18	TO	1955+54.33	1,042.15	1,505.33	1.50	1.25	990.04	105.37	126.45	1,505.33	1,042.15	16.28
	S.N. 057-2046	1955+54.33	TO	1955+74.77	20.44	29.52	1.50	1.25	19.42	2.07	2.48	29.52	20.44	
2		1955+74.77	TO	1962+41.38	666.61	962.88	1.50	1.25	633.28	67.40	80.88	962.88	666.61	10.42

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 8	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	18
			CONTRACT NO. 70E86	
		ILLINOIS	FED. AID PROJECT	

MAINLINE RESURFACING WESTBOUND LANE (CONTINUED)

	S.N. 057-2045	1962+41.38	TO	1962+65.54	24.16	34.90	1.50	1.25	22.95	2.44		2.93	34.90	24.16		
2		1962+65.54	TO	1964+38.95	173.41	250.48	1.50	1.25	164.74	17.53		21.04	250.48	173.41		2.71
2	PRIVATE ENTRANCE	1964+38.95	TO	1965+22.81	83.86	121.13	1.50	1.25	79.67	8.48		10.18	193.65	83.86		11.17
2		1965+22.81	TO	1966+24.87	102.06	147.42	1.50	1.25	96.96	10.32		12.38	147.42	102.06		1.59
2	PRIVATE ENTRANCE	1966+24.87	TO	1966+50.47	25.60	36.98	1.50	1.25	24.32	2.59		3.11	36.98	25.60		
2		1966+50.47	TO	1970+99.58	449.11	648.71	1.50	1.25	426.65	45.41		54.49	648.71	449.11		7.02
2	FIELD ENTRANCE	1970+99.58	TO	1971+13.33	13.75	19.86	1.50	1.25	13.06	1.39		1.67	19.86	13.75		
2		1971+13.33	TO	1973+89.38	276.05	398.74	1.50	1.25	262.25	27.91		33.49	398.74	276.05		4.31
2	PRIVATE ENTRANCE	1973+89.38	TO	1974+17.53	28.15	40.66	1.50	1.25	26.74	2.85		3.42	63.88	28.15		3.58
2		1974+17.53	TO	1981+09.37	691.84	999.32	1.50	1.25	657.25	69.95		83.94	999.32	691.84		10.81
	S.N. 057-8212	1981+09.37	TO	1981+26.04	16.67	24.08	1.50	1.25	15.84	1.69		2.02	24.08	16.67		
2		1981+26.04	TO	1988+88.69	762.65	1,101.61	1.50	1.25	724.52	77.11		92.53	1,101.61	762.65		11.92
2	PRIVATE ENTRANCE	1988+88.69	TO	1989+32.07	43.38	62.66	1.50	1.25	41.21	4.39		5.26	99.38	43.38		5.66
2		1989+32.07	TO	1997+32.53	800.46	1,156.22	1.50	1.25	760.44	80.94		97.12	1,156.22	800.46		12.51
2	FIELD ENTRANCE	1997+32.53	TO	1997+67.80	35.27	50.95	1.50	1.25	33.51	3.57		4.28	50.95	35.27		
2		1997+67.80	TO	2009+65.85	1,198.05	1,730.52	1.50	1.25	1,138.15	121.14		145.36	1,730.52	1,198.05		18.72
2	FIELD ENTRANCE	2009+65.85	TO	2009+95.73	29.88	43.16	1.50	1.25	28.39	3.02		3.63	43.16	29.88		
2		2009+95.73	TO	2018+00.00	804.27	1,161.72	1.50	1.25	764.06	81.32		97.58	1,161.72	804.27		12.57
STA. EQUATION: 514+00.00 BK= 2018+00.00 AH																
1/2		514+00.00	TO	508+01.08	598.92	865.11	1.50	1.25	568.97	60.56		72.67	865.11	598.92		15.60
1	FIELD ENTRANCE	508+01.08	TO	507+71.16	29.92	43.22	1.50	1.25	28.42	3.03		3.63	43.22	29.92		
1		507+71.16	TO	503+38.98	432.18	624.26	1.50	1.25	410.57	43.70		52.44	624.26	432.18		11.25
	S.N. 057-8147	503+38.98	TO	503+26.32	12.66	18.29	1.50	1.25	12.03	1.28		1.54	18.29	12.66		
1		503+26.32	TO	494+77.80	848.52	1,225.64	1.50	1.25	806.09	85.79		102.95	1,225.64	848.52		22.10
1	FIELD ENTRANCE	494+77.80	TO	494+61.34	16.46	23.78	1.50	1.25	15.64	1.66		2.00	23.78	16.46		
1		494+61.34	TO	489+17.77	543.57	785.16	1.50	1.25	516.39	54.96		65.95	785.16	543.57		14.16
1	PRIVATE ENTRANCE	489+17.77	TO	488+58.59	59.18	85.48	1.50	1.25	56.22	5.98		7.18	148.18	59.18		9.66
1		488+58.59	TO	486+98.33	160.26	231.49	1.50	1.25	152.25	16.20		19.44	231.49	160.26		4.17
1	PRIVATE ENTRANCE	486+98.33	TO	486+31.62	66.71	96.36	1.50	1.25	63.37	6.75		8.09	145.74	66.71		7.60

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USER NAME = Hans.Knoepfel	DESIGNED - HWK	REVISED -
	DRAWN - HWK	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	19
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

MAINLINE RESURFACING WESTBOUND LANE (CONTINUED)

1		486+31.62	TO	484+46.09	185.53	267.99	1.50	1.25	176.25	18.76	22.51	267.99	185.53	4.83									
1	FIELD ENTRANCE	484+46.09	TO	484+32.73	13.36	19.30	1.50	1.25	12.69	1.35	1.62	19.30	13.36										
1		484+32.73	TO	477+00.00	732.73	1,058.39	1.50	1.25	696.09	74.09	88.90	1,058.39	732.73	19.08									
STA. EQUATION: 476+50.00 BK= 477+00.00 AH																							
1		476+50.00	TO	474+57.73	192.27	277.72	1.50	1.25	182.66	19.44	23.33	277.72	192.27	5.01									
1	FIELD ENTRANCE	474+57.73	TO	474+43.98	13.75	19.86	1.50	1.25	13.06	1.39	1.67	19.86	13.75										
1		474+43.98	TO	470+97.41	346.57	500.60	1.50	1.25	329.24	35.04	42.05	500.60	346.57	9.03									
1	2400 E	470+97.41	TO	470+09.04	88.37	127.65	1.50	1.25	83.95	8.94	10.72	305.63	88.37	27.41									
1		470+09.04	TO	461+84.94	824.10	1,190.37	1.50	1.25	782.89	83.33	99.99	1,190.37	824.10	21.46									
1	FIELD ENTRANCE	461+84.94	TO	461+71.59	13.35	19.28	1.50	1.25	12.68	1.35	1.62	19.28	13.35										
1		461+71.59	TO	456+75.24	496.35	716.95	1.50	1.25	471.53	50.19	60.22	716.95	496.35	12.93									
1	PRIVATE ENTRANCE	456+75.24	TO	456+38.93	36.31	52.45	1.50	1.25	34.49	3.67	4.41	52.45	36.31										
1		456+38.93	TO	455+61.53	77.40	111.80	1.50	1.25	73.53	7.83	9.39	111.80	77.40	2.02									
1	PRIVATE ENTRANCE	455+61.53	TO	455+20.15	41.38	59.77	1.50	1.25	39.31	4.18	5.02	95.05	41.38	5.43									
1		455+20.15	TO	451+05.05	415.10	599.59	1.50	1.25	394.34	41.97	50.37	599.59	415.10	10.81									
	S.N. 057-8143	451+05.05	TO	450+91.98	13.07	18.88	1.50	1.25	12.42	1.32	1.59	18.88	13.07										
1		450+91.98	TO	444+10.28	681.70	984.68	1.50	1.25	647.62	68.93	82.71	984.68	681.70	17.75									
1	FIELD ENTRANCE	444+10.28	TO	443+97.44	12.84	18.55	1.50	1.25	12.20	1.30	1.56	18.55	12.84										
1		443+97.44	TO	437+70.00	627.44	906.30	1.50	1.25	596.07	63.44	76.13	906.30	627.44	16.34									
BEGINNING OF PROJECT: STA 437+00.00						WESTBOUND TOTALS:									50,134.50	5,337.25	104.00	6,404.70	78,347.89	52,745.39	925.35	323.63	
						GRAND TOTALS:									102,879.7	10,670.4	208.0	12,804.4	158,093.4	105,490.6	52,745.2	1,866.5	871.6
						ROUNDED TOTALS:									102,880.0	10,671.0	208.0	12,805.0	158,094.0	105,491.0	52,746.0	1,867.0	872.0

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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/16/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	20
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

GUARDRAIL SCHEDULE

LOCATION	DESCRIPTION	63000001				63000051				63000360				63100167				63200310	78200005	72501000
		STATION	TO	STATION	FOOT	STATION	TO	STATION	FOOT	STATION	TO	STATION	FOOT	STATION	TO	STATION	EACH	FOOT	EACH	TERMINAL MARKER DIRECT APPLIED
LOCATION 1 SN 057 8143 3 x 48" PIPE CULVERT	EB APPROACH	449+64.15	TO	450+76.65	87.50					450+76.65	TO	451+20.40	43.75	449+14.15	TO	449+64.15	1.0	225.00	4	1.0
	EB DEPARTURE													451+20.40	TO	451+70.40	1.0			1.0
	WB APPROACH	452+32.90	TO	451+20.40	87.50					451+20.40	TO	450+76.65	43.75	452+82.90	TO	452+32.90	1.0	225.00	4	1.0
	WB DEPARTURE													450+76.65	TO	450+26.65	1.0			1.0
LOCATION 2 SN 057-8147 3 x 48" PIPE CULVERT	EB APPROACH	501+98.19	TO	503+10.69	87.50					503+10.69	TO	503+54.44	43.75	501+48.19	TO	501+98.19	1.0	225.00	4	1.0
	EB DEPARTURE													503+54.44	TO	504+04.44	1.0			1.0
	WB APPROACH	504+66.94	TO	503+54.44	87.50					503+54.44	TO	503+10.69	43.75	505+16.94	TO	504+66.94	1.0	225.00	4	1.0
	WB DEPARTURE													503+10.69	TO	502+60.69	1.0			1.0
LOCATION 3 SN 057-8212 2 -- 6' x 3' BOX CULVERT	EB APPROACH	1982+19.09	TO	1981+31.59	87.50	1981+03.59	TO	1981+31.59	28.00					1981+31.59	TO	1980+81.59	1.0	337.50	4	1.0
	EB DEPARTURE	1981+03.59	TO	1980+78.59	25.00									1980+78.59	TO	1980+28.59	1.0			1.0
	WB APPROACH	1980+16.09	TO	1981+03.59	87.50	1981+31.59	TO	1981+03.59	28.00					1981+03.59	TO	1980+53.59	1.0	337.50	4	1.0
	WB DEPARTURE	1981+31.59	TO	1981+56.59	25.00									1981+56.59	TO	1981+06.59	1.0			1.0
LOCATION 4 SN 057-2045 2 -- 12' X 3' BOX CULVERT	EB APPROACH	1963+92.34	TO	1962+67.34	125.00	1962+67.34	TO	1962+39.34	28.00					1964+42.34	TO	1963+92.34	1.0	353.00	4	1.0
	EB DEPARTURE	1962+39.34	TO	1961+76.84	62.50									1961+76.84	TO	1961+26.84	1.0			1.0
	WB APPROACH	1961+14.34	TO	1962+39.34	125.00	1962+39.34	TO	1962+67.34	28.00					1960+64.34	TO	1961+14.34	1.0	353.00	4	1.0
	WB DEPARTURE	1962+67.34	TO	1963+29.84	62.50									1963+29.84	TO	1963+79.84	1.0			1.0
LOCATION 5 SN 057-2046 2 -- 10' X 3' BOX CULVERT	EB APPROACH	1956+02.77	TO	1955+77.77	25.00	1955+77.77	TO	1955+49.77	28.00					1956+52.77	TO	1956+02.77	1.0	335.90	4	1.0
	EB DEPARTURE	1955+49.77	TO	1954+87.27	62.50									1954+87.27	TO	1954+37.27	1.0			1.0
	WB APPROACH	1954+24.77	TO	1955+49.77	125.00	1955+49.77	TO	1955+77.77	28.00					1953+74.77	TO	1954+24.77	1.0	335.90	4	1.0
	WB DEPARTURE	1955+77.77	TO	1956+40.27	62.50									1956+40.27	TO	1955+90.27	1.0			1.0
LOCATION 6 SN 057-0076 BRIDGE -- SINGLE T BEAM SPAN	EB APPROACH																			
	EB DEPARTURE																			
	WB APPROACH													1914+20.72	TO	1914+70.72	1.0	50.00		1.0
	WB DEPARTURE																			
LOCATION 7 SN 057-8213 2 -- 8' X 4' BOX CULVERT	EB APPROACH	1743+05.02	TO	1741+80.02	125.00	1741+80.02	TO	1741+52.02	28.00					1743+55.02	TO	1743+05.02	1.0	336.70	4	1.0
	EB DEPARTURE	1741+52.02	TO	1740+89.52	62.50									1740+89.52	TO	1740+39.52	1.0			1.0
	WB APPROACH	1741+52.02	TO	1740+27.02	125.00	1741+52.02	TO	1741+80.02	28.00					1740+27.02	TO	1739+77.02	1.0	336.70	4	1.0
	WB DEPARTURE	1741+80.02	TO	1742+42.52	62.50									1742+42.52	TO	1742+92.52	1.0			1.0
LOCATION 8 SN 057-8164 3 -- 60" X 36" BOX CULVERT REPLACE TERMINALS ONLY	EB APPROACH													1724+25.04	TO	1724+12.54	1.0	50.00	2	1.0
	EB DEPARTURE													1721+90.16	TO	1721+77.66	1.0	50.00		1.0
	WB APPROACH													1721+40.06	TO	1721+52.56	1.0	50.00	2	1.0
	WB DEPARTURE													1723+63.05	TO	1723+75.55	1.0	50.00		1.0
LOCATION 9 SN 057-8165 3 -- 60" X 36" BOX CULVERT REPLACE TERMINALS ONLY	EB APPROACH													1717+96.79	TO	1717+84.29	1.0	50.00	2	1.0
	EB DEPARTURE													1715+61.06	TO	1715+48.56	1.0	50.00		1.0
	WB APPROACH													1715+40.06	TO	1715+52.56	1.0	50.00	2	1.0
	WB DEPARTURE													1717+56.81	TO	1717+69.31	1.0	50.00		1.0
LOCATION 10 SN 057-8214 2 -- 8' X 5' BOX CULVERT	EB APPROACH	1677+76.56	TO	1676+64.06	112.50	1676+64.06	TO	1676+34.06	30.00					1678+26.56	TO	1677+76.56	1.0	335.00	4	1.0
	EB DEPARTURE	1676+34.06	TO	1675+84.06	50.00									1675+84.06	TO	1675+34.06	1.0			1.0
	WB APPROACH	1675+34.06	TO	1676+34.06	100.00	1676+34.06	TO	1676+64.06	30.00					1674+84.06	TO	1675+34.06	1.0	335.00	4	1.0
	WB DEPARTURE	1676+64.06	TO	1677+14.06	50.00									1677+14.06	TO	1677+64.06	1.0			1.0
LOCATION 11 SN 057-0077 BRIDGE -- SINGLE SPAN 24-INCH REINFORCED CONCRETE SLAB	EB APPROACH	1648+52.03	TO	1647+52.03	100.00									1649+02.03	TO	1648+52.03	1.0	237.50	4	1.0
	EB DEPARTURE	1646+70.03	TO	1646+32.53	37.50									1646+32.53	TO	1645+82.53	1.0			1.0
	WB APPROACH	1645+70.03	TO	1646+70.03	100.00									1645+20.03	TO	1645+70.03	1.0	237.50	4	1.0
	WB DEPARTURE	1647+52.03	TO	1647+89.53	37.50									1647+89.53	TO	1648+39.53	1.0			1.0
					TOTAL FAP 693												41.00	5,221.20	72.00	41.00
					ROUNDED TOTAL:												41.00	5,222.00	72.00	41.00

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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET 11	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)RS-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70E86	

SURVEY MARKERS & VAULTS

DESCRIPTION	STATION	OFFSET	SURVEY MARKER, TYPE 2 (SPL)
			XZ193400 (EA)
SEC CORNER	431+00.39	0.00	1.0
SEC CORNER	474+00.01	0.00	1.0
SEC CORNER	477+00.00	0.00	1.0
SEC CORNER	512+00.01	0.00	1.0
SEC CORNER	2018+00.00	0.00	1.0
SEC CORNER	1970+00.22	0.00	1.0
SEC CORNER	1949+00.32	0.00	1.0
SEC CORNER	1938+00.37	0.00	1.0
SEC CORNER	1927+00.42	0.00	1.0
SEC CORNER	1890+00.59	0.00	1.0
SEC CORNER	1874+00.67	0.00	1.0
SEC CORNER	1840+00.83	0.00	1.0
SEC CORNER	1814+96.00	0.00	1.0
SEC CORNER	1794+01.04	0.00	1.0
SEC CORNER	1761+01.20	0.00	1.0
SEC CORNER	1736+01.31	0.00	1.0
SEC CORNER	1700+80.42	0.00	1.0
SEC CORNER	1690+01.53	0.00	1.0
SEC CORNER	1658+30.20	0.00	1.0
SEC CORNER	1625+20.18	0.00	1.0
SEC CORNER	1578+85.16	0.00	1.0
SEC CORNER	1554+55.58	0.00	1.0
TOTAL			22.0

DESCRIPTION	STATION	OFFSET	SURVEY MARKER VAULT
			Z0070202 (EA)
SEC CORNER	470+51.99	5.45	1.0
SEC CORNER	1996+57.10	-1.60	1.0
SEC CORNER	1970+88.30	0.65	1.0
SEC CORNER	1944+26.98	0.50	1.0
SEC CORNER	1891+01.06	1.48	1.0
SEC CORNER	1864+36.15	1.84	1.0
SEC CORNER	1864+16.27	2.12	1.0
SEC CORNER	1811+15.33	4.78	1.0
SEC CORNER	1784+57.64	0.29	1.0
SEC CORNER	1784+63.00	2.42	1.0
SEC CORNER	1731+36.00	0.07	1.0
SEC CORNER	1706+66.28	1.97	1.0
SEC CORNER	1653+93.03	1.42	1.0
SEC CORNER	1628+00.86	-0.71	1.0
SEC CORNER	1627+18.58	-1.26	1.0
SEC CORNER	1574+77.16	6.59	1.0
SEC CORNER	1575+40.09	6.55	1.0
TOTAL			17.0

GUARDRAIL SCHEDULE (CONTINUED)

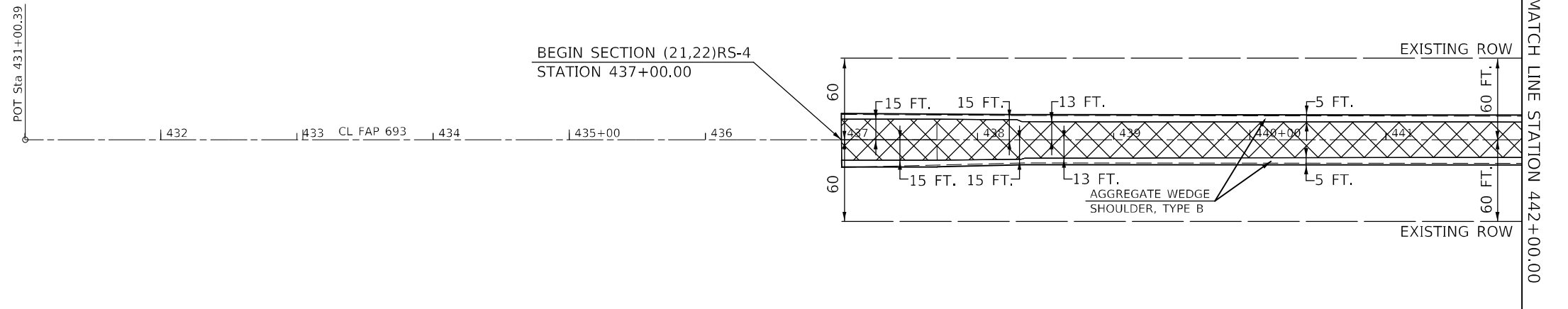
		X6310188
		TRAFFIC BARRIER TERMINAL, TYPE 6A (MODIFIED)
		EACH
LOCATION 11 SN 057-0077 BRIDGE -- SINGLE SPAN 24-INCH REINFORCED CONCRETE SLAB	EB APPROACH	1
	EB DEPARTURE	1
	WB APPROACH	1
	WB DEPARTURE	1
	TOTAL:	4

PAVEMENT MARKINGS

STA.	TO	STA.	SEQUENCE	LENGTH (FOOT)	70300100 SHORT TERM PVT MKING (FOOT)	70300150 SHORT TERM PVT MKING REMOVAL SQ FT	78001110 PAINT PVT MKR LINE 4" (FOOT)	70300221 TEMP PVT MKR LINE 4"-PAINT (FOOT)	78300202 PVT MKING REM WATER BLASTING SQ FT	78100100 RAISED REFL PVT MKR (EACH)	78300200 RAISED REF PVT MKR REM (EACH)
437+70.00		476+50.00	CL AFTER SURFACE	3,880.0						49	49
<i>STA. EQUATION: 476+50.00 BK = 477+00.00 AH</i>											
477+00.00		514+00.00	CL AFTER SURFACE	3,700.0						47	47
<i>STA. EQUATION: 514+00.00 BK = 2018+00.00 AH</i>											
2018+00.00		1981+26.04	CL AFTER SURFACE	3,674.0						46	46
<i>S.N. 057-8212: STA. 1981+26.04 TO STA. 1981+09.37</i>											
1981+26.04		1917+28.65	CL AFTER SURFACE	6,397.4						80	80
<i>S.N. 057-0076: STA. 1917+28.65 TO STA. 1916+91.64</i>											
1916+91.64		1658+32.57	CL AFTER SURFACE	25,859.1						324	324
<i>STA. EQUATION: 1658+32.57 BK = 1658+28.53 AH</i>											
1658+28.53		1609+12.75	CL AFTER SURFACE	4,915.8						62	62
<i>S.N. 057-2042: STA. 1609+12.75 TO STA. 1608+86.73</i>											
1608+86.73		1565+44.00	CL AFTER SURFACE	4,342.7						55	55
437+70.00		476+50.00	5X APPLICATIONS	3,880.0	1,940.0	646.7	8730.0	8730.0	2910.0		
<i>STA. EQUATION: 476+50.00 BK = 477+00.00 AH</i>											
477+00.00		514+00.00	5X APPLICATIONS	3,700.0	1,850.0	616.7	8325.0	8325.0	2775.0		
<i>STA. EQUATION: 514+00.00 BK = 2018+00.00 AH</i>											
2018+00.00		1981+26.04	5X APPLICATIONS	3,674.0	1,837.0	612.3	8266.4	8266.4	2755.5		
<i>S.N. 057-8212: STA. 1981+26.04 TO STA. 1981+09.37</i>											
1981+26.04		1917+28.65	5X APPLICATIONS	6,397.4	3,198.7	1,066.2	14394.1	14394.1	4798.0		
<i>S.N. 057-0076: STA. 1917+28.65 TO STA. 1916+91.64</i>											
1916+91.64		1658+32.57	5X APPLICATIONS	25,859.1	12,929.5	4,309.8	58182.9	58182.9	19394.3		
<i>STA. EQUATION: 1658+32.57 BK = 1658+28.53 AH</i>											
1658+28.53		1609+12.75	5X APPLICATIONS	4,915.8	2,457.9	819.3	11060.5	11060.5	3686.8		
<i>S.N. 057-2042: STA. 1609+12.75 TO STA. 1608+86.73</i>											
1608+86.73		1565+44.00	5X APPLICATIONS	4,342.7	2,171.4	723.8	9771.1	9771.1	3257.0		
TOTAL					26,384.5	8,794.8	118,730.1	118,730.1	39,576.7	663.0	663.0
ROUND TO					26,385.0	8,795.0	118,731.0	118,731.0	39,577.0	663.0	663.0

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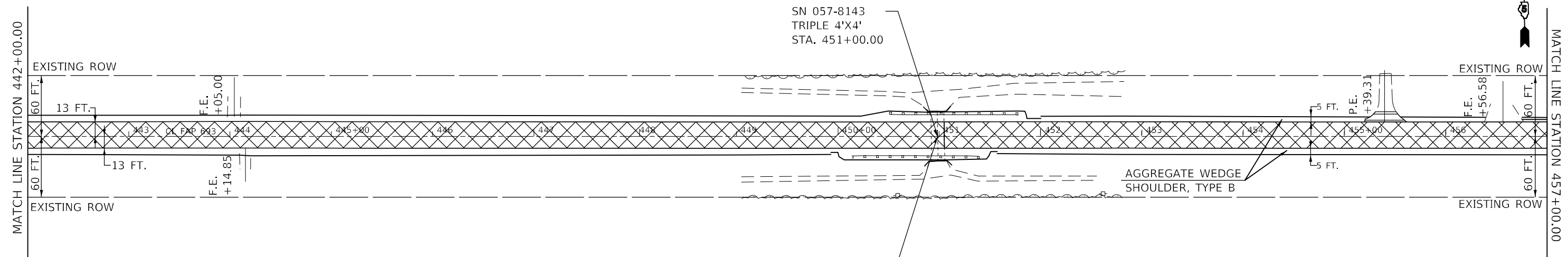
SEC 36, T 24 N., R. 3 E



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 1, T 23 N., R. 3 E

SEC 36, T 24 N., R. 3 E



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 INCIDENTAL HOT MIX ASPHALT SURFACING

SEE LOCATION 1
OF GUARDRAIL DETAILS
FOR PROPOSED IMPROVEMENTS

SEC 1, T 23 N., R. 3 E

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DRAWN -	REVISIONS -	
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

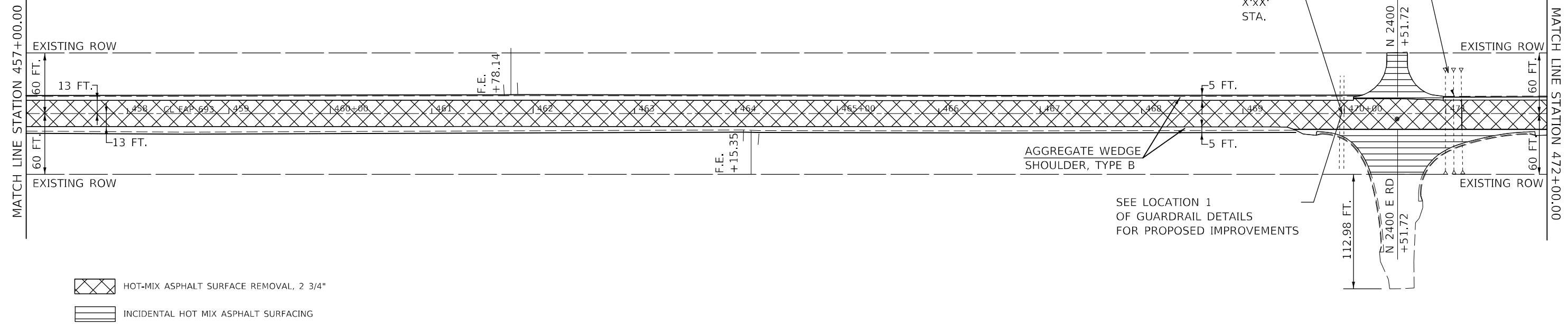
IL 9 PLAN SHEET
 SCALE: 1" = 50' SHEET 1 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	23
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

SEC 36, T 24 N., R. 3 E

SEC 36, T 23 N., R. 3 E

SEC 31, T 24 N., R. 4 E



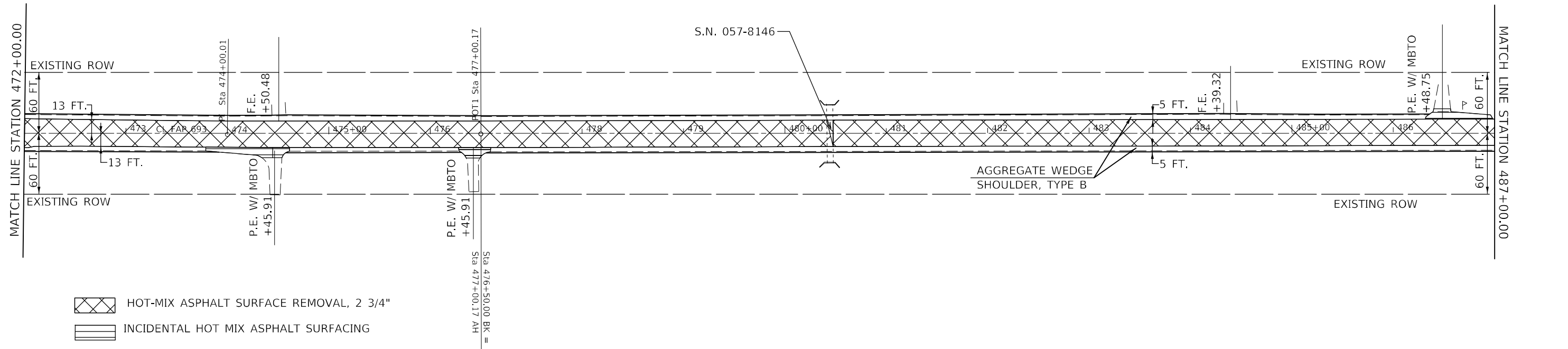
- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 1, T 23 N., R. 3 E

SEC 1, T 23 N., R. 3 E

SEC 6, T 23 N., R. 4 E

SEC 31, T 24 N., R. 4 E



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 6, T 23 N., R. 4 E

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PROJECT: \\PROJECT\70E86\CADD\DATA\CADD\70E86\70E86.dwg
DRAWN: HANS.KNOEPFEL
CHECKED: HANS.KNOEPFEL
DATE: 2/16/2023

USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
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PLOT DATE = 2/16/2023	CHECKED -	REVISED -
	DATE -	REVISED -

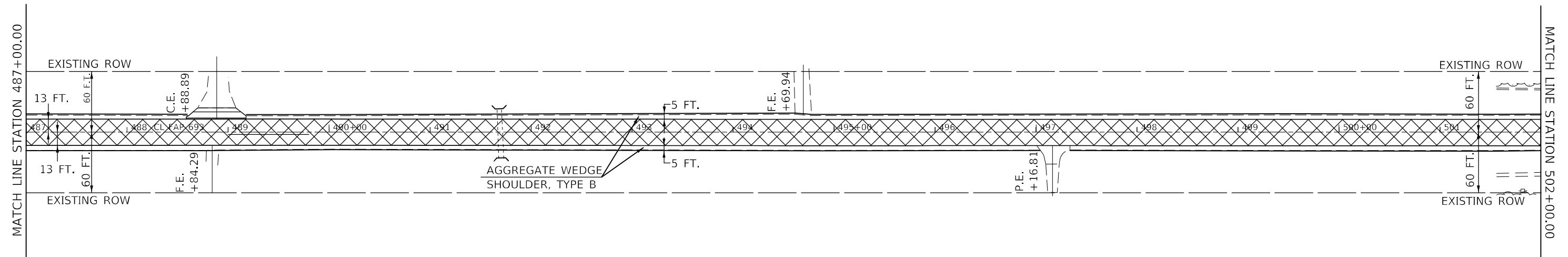
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PLAN SHEET

SCALE: SHEET 2 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	24
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

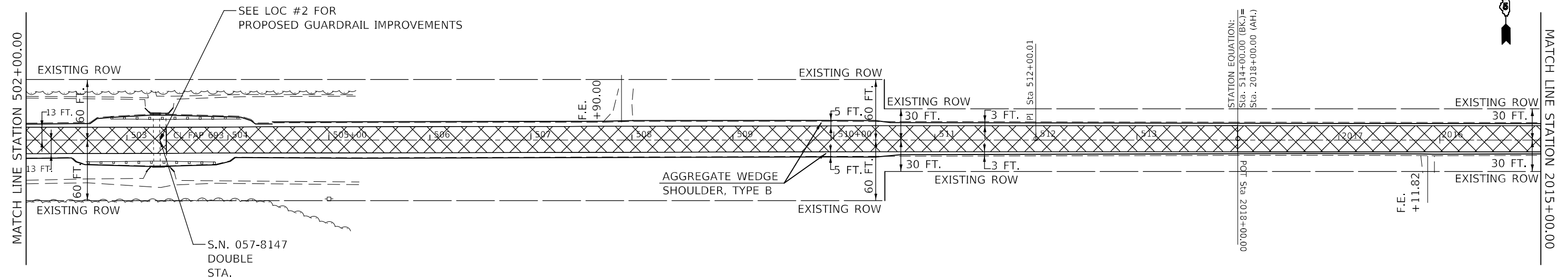
SEC 31, T 24 N., R. 4 E



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 6, T 23 N., R. 4 E

SEC 31, T 24 N., R. 4 E



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 6, T 23 N., R. 4 E

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PLOT DATE = 2/3/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 9 PLAN SHEET

SCALE: SHEET 3 OF 18 SHEETS STA. TO STA.

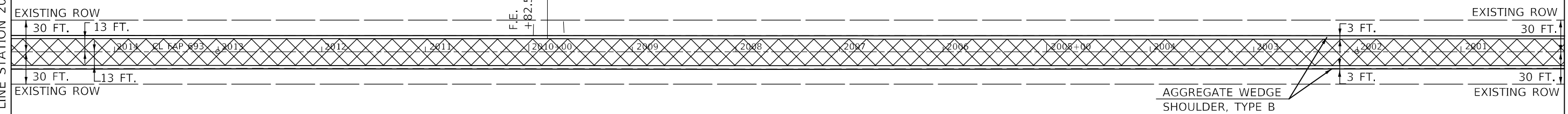
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	25
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

SEC 31, T 24 N., R. 4 E



MATCH LINE STATION 2015+00.00

MATCH LINE STATION 2000+00.00



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 6, T 23 N., R. 4 E

SEC 31, T 23 N., R. 5 E

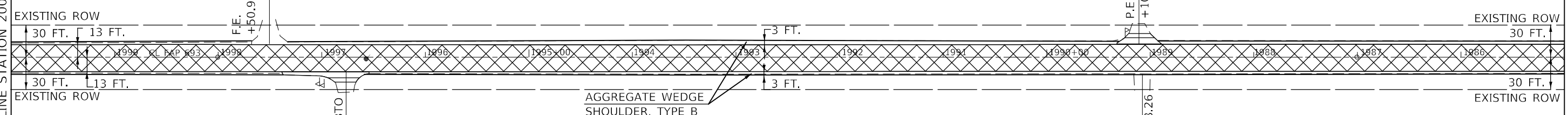
SEC 32, T 23 N., R. 5 E

SEC 32, T 24 N., R. 4 E



MATCH LINE STATION 2000+00.00

MATCH LINE STATION 1985+00.00



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 6, T 23 N., R. 5 E

SEC 5, T 23 N., R. 5 E

SEC 5, T 23 N., R. 4 E

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	DATE -	REVISED -

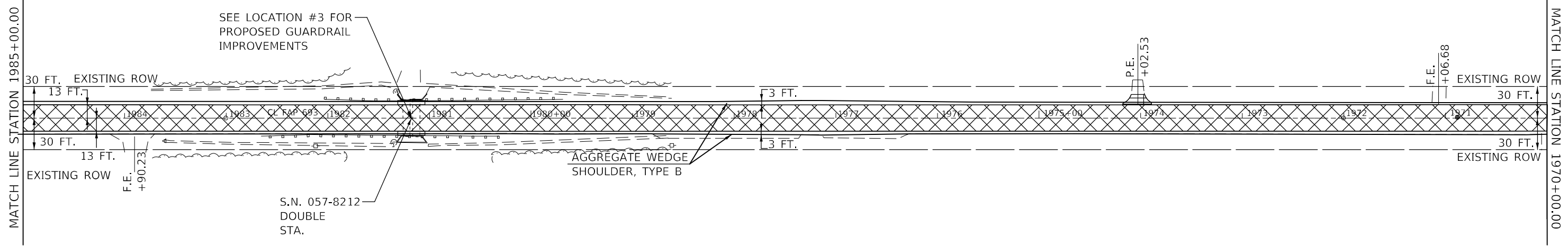
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



IL 9 PLAN SHEET

SCALE: SHEET 4 OF 18 SHEETS STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)R5-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 26
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

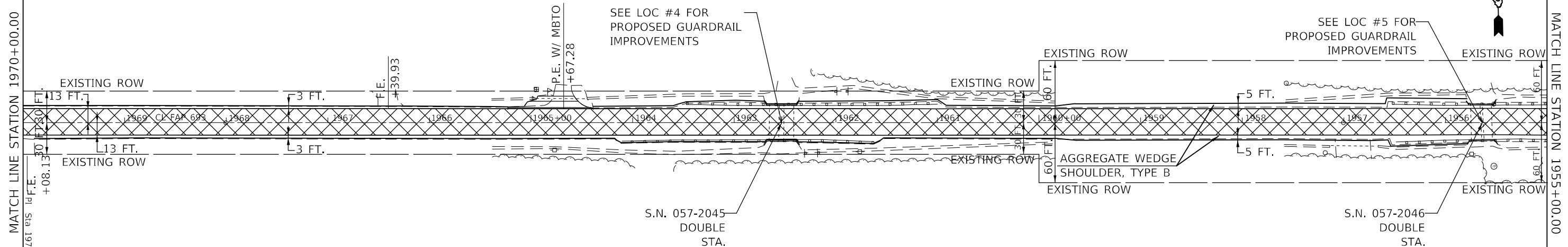
SEC 32, T 234N., R. 4 E





 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 5, T 23 N., R. 4 E

SEC 32, T 24 N., R. 4 E



 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 5, T 23 N., R. 4 E

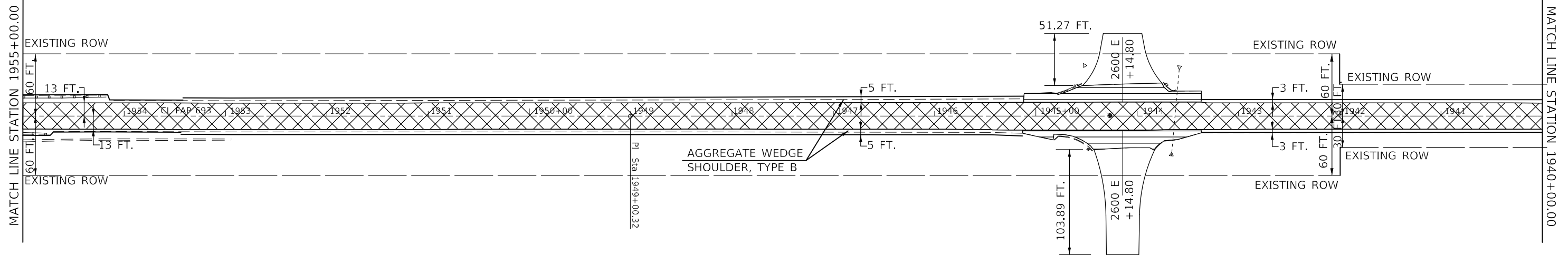
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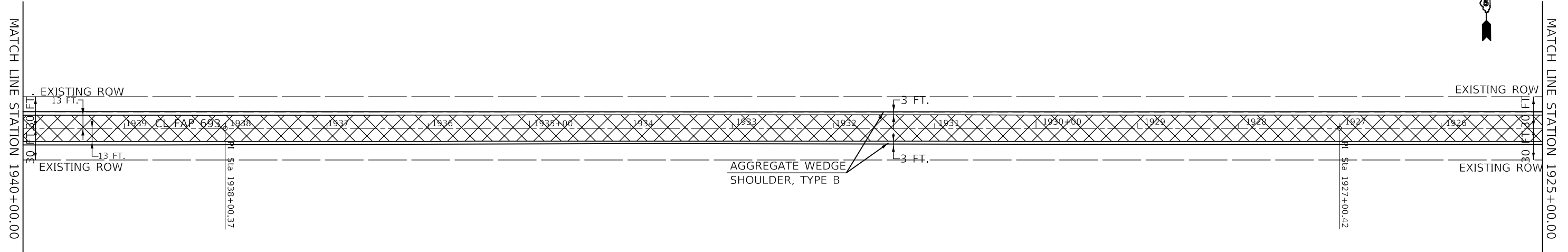
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PLAN SHEET			
SCALE:	SHEET 5	OF 18 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	27
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 9 PLAN SHEET

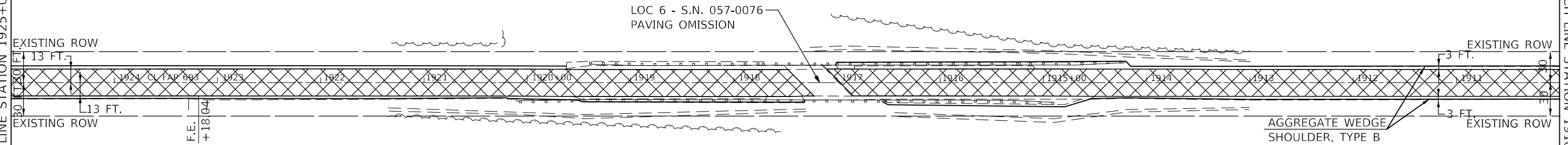
SCALE: SHEET 6 OF 18 SHEETS STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)R5-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 28
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

SEC 33, T 24 N., R. 4 E

MATCH LINE STATION 1925+00.00

MATCH LINE STATION 1910+00.00



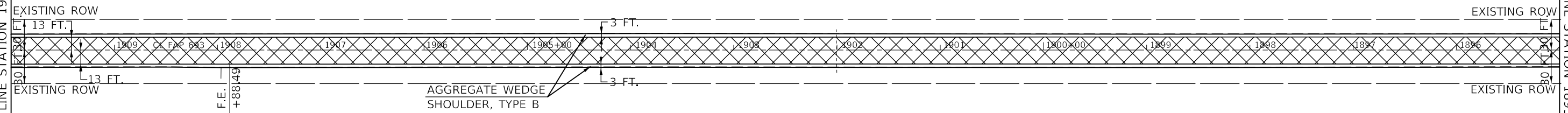
 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 4 T 23 N., R. 4 E

SEC 33, T 24 N., R. 4 E

MATCH LINE STATION 1910+00.00

MATCH LINE STATION 1895+00.00



 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 4 T 23 N., R. 4 E

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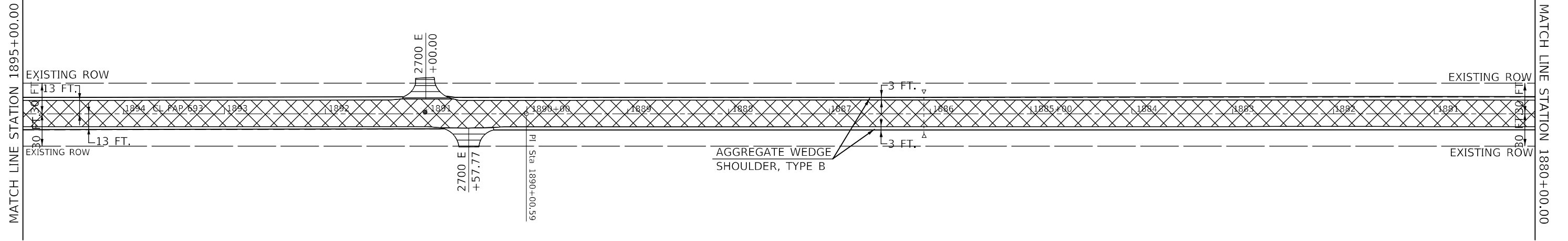
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 7 OF 18 SHEETS STA. TO STA.

IL 9 PLAN SHEET

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	29
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

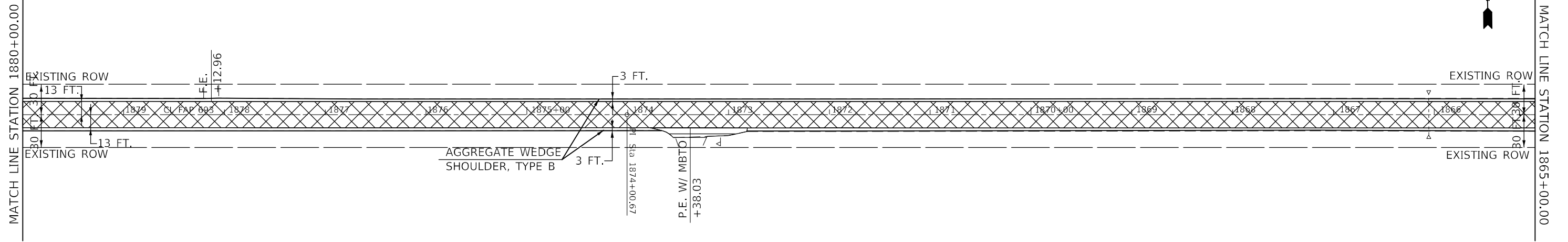
SEC 33, T 24 N., R. 4 E SEC 34, T 24 N., R. 4 E



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 4 T 23 N., R. 4 E SEC 3 T 23 N., R. 4 E

SEC 34, T 24 N., R. 4 E



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 3 T 23 N., R. 4 E

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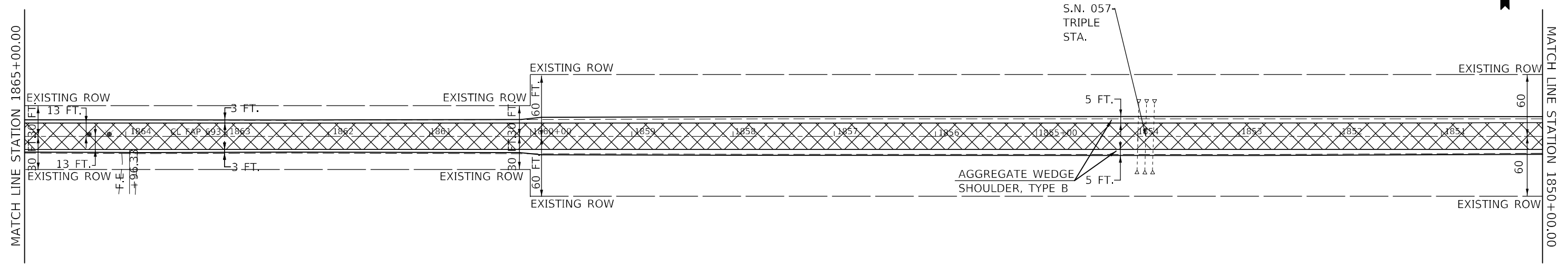
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PLAN SHEET

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	30
				CONTRACT NO. 70E86
ILLINOIS FED. AID PROJECT				

SEC 34, T 24 N., R. 4 E

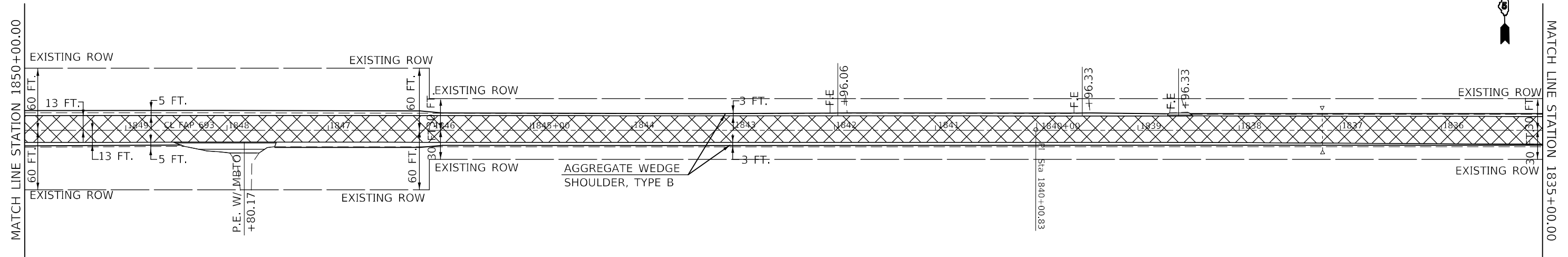


HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 3 T 23 N., R. 4 E

SEC 34, T 24 N., R. 4 E

SEC 34, T 24 N., R. 4 E SEC 35, T 24 N., R. 4 E



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 3 T 23 N., R. 4 E

SEC 3 T 23 N., R. 4 E SEC 2 T 23 N., R. 4 E

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

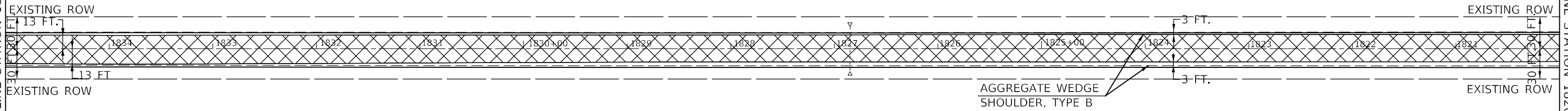
IL 9 PLAN SHEET			
SCALE:	SHEET 9	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)R5-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 31
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

SEC 35, T 24 N., R. 4 E

MATCH LINE STATION 1835+00.00

MATCH LINE STATION 1820+00.00



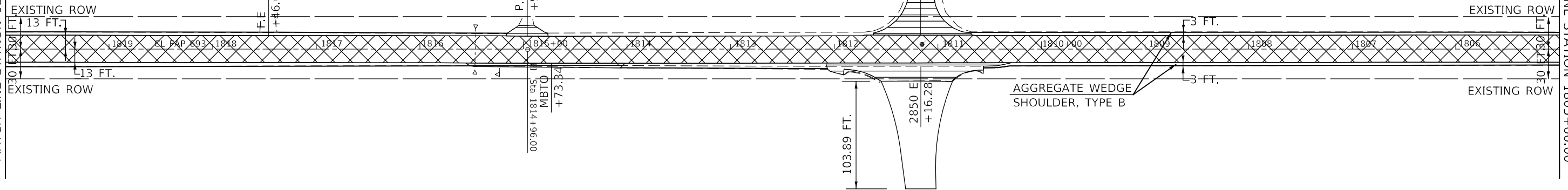
HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 2 T 23 N., R. 4 E

SEC 35, T 24 N., R. 4 E

MATCH LINE STATION 1820+00.00

MATCH LINE STATION 1805+00.00



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 2 T 23 N., R. 4 E

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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
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	DATE -	REVISED -

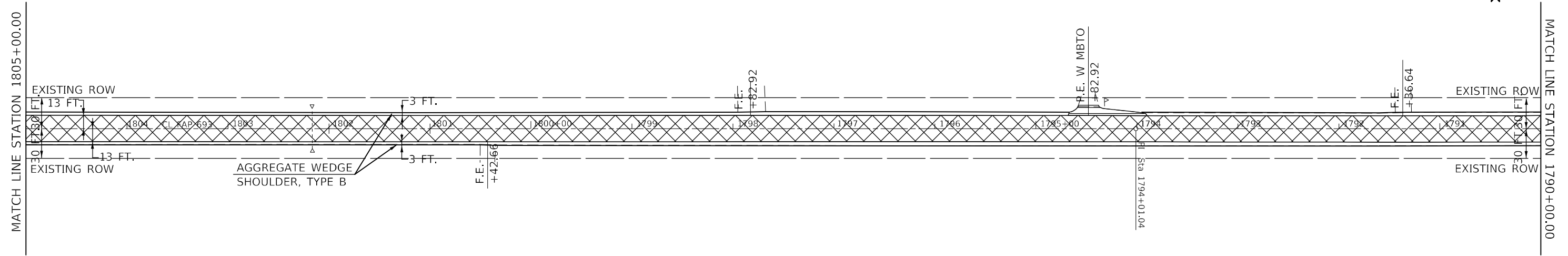
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



IL 9 PLAN SHEET

SCALE: SHEET 10 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	32
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

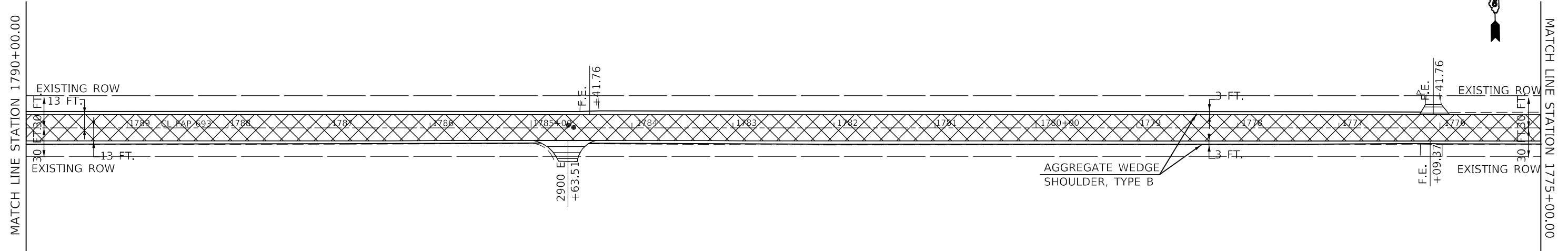
SEC 35, T 24 N., R. 4 E





-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 2 T 23 N., R. 4 E

SEC 35, T 24 N., R. 3 E SEC 36, T 24 N., R. 4 E



-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 2 T 23 N., R. 4 E SEC 1 T 23 N., R. 4 E

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USER NAME = david.jayne	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

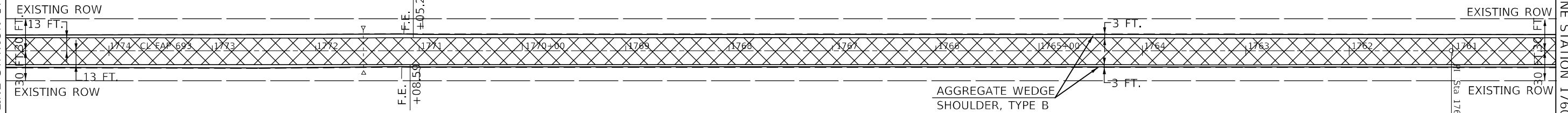
IL 9 PLAN SHEET			
SCALE:	SHEET 11	OF 18 SHEETS	STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)R5-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70E86	

SEC 36, T 24 N., R. 4 E

MATCH LINE STATION 1775+00.00

MATCH LINE STATION 1760+00.00



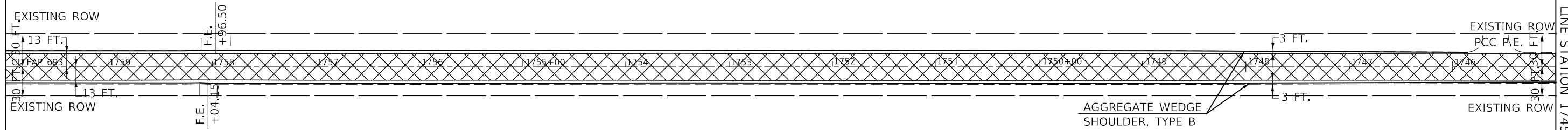
 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 1 T 23 N., R. 4 E

SEC 36, T 24 N., R. 4 E

MATCH LINE STATION 1760+00.00

MATCH LINE STATION 1745+00.00



 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 1 T 23 N., R. 4 E

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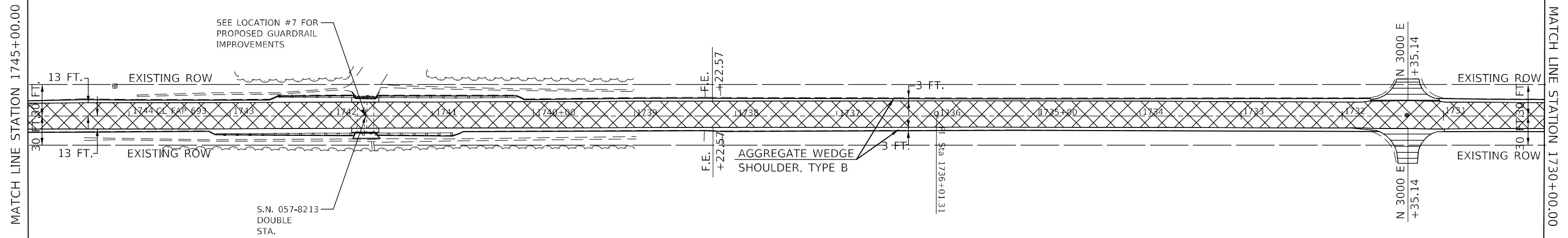
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DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

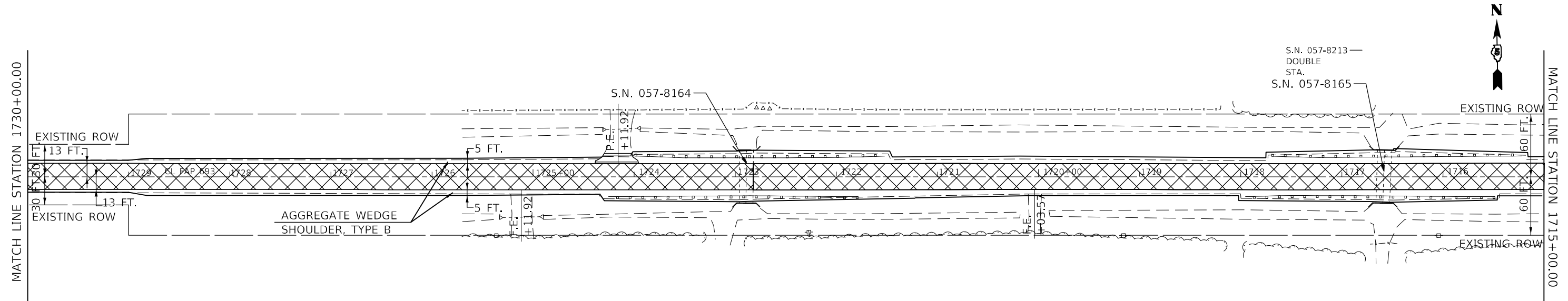
IL 9 PLAN SHEET

SCALE: SHEET 12 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	34
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

MODEL: \\MODEL\MNMF... FILE: \\MAILS... \\\n

USER NAME = david.jayne	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

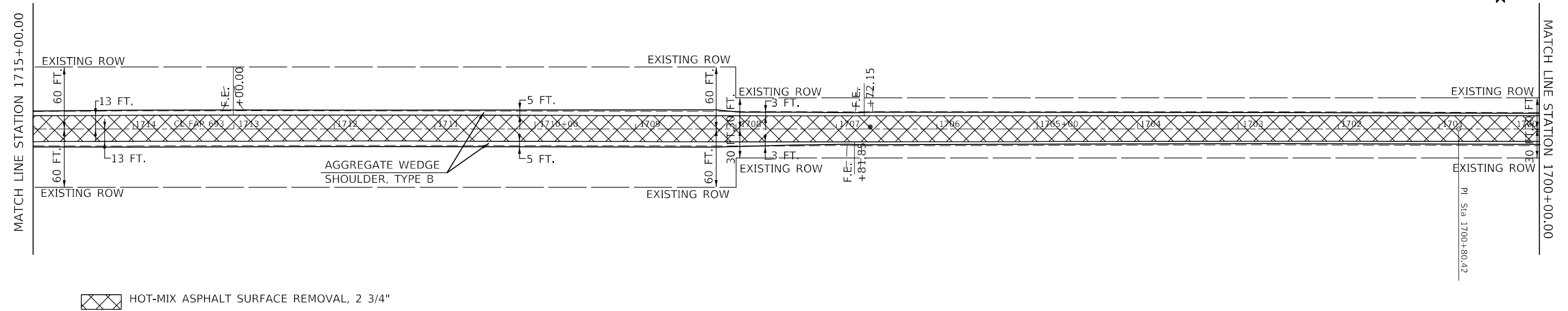
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PLAN SHEET

SCALE: SHEET 13 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	35
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

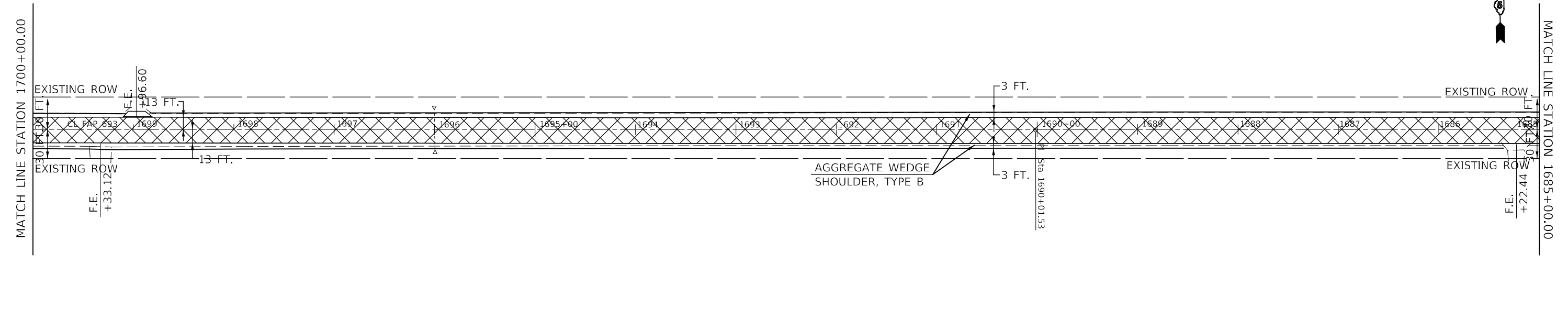
SEC 31, T 24 N., R. 5 E



☒ HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 6 T 23 N., R. 5 E

SEC 31, T 24 N., R. 5 E



☒ HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

▬ INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 6 T 23 N., R. 5 E

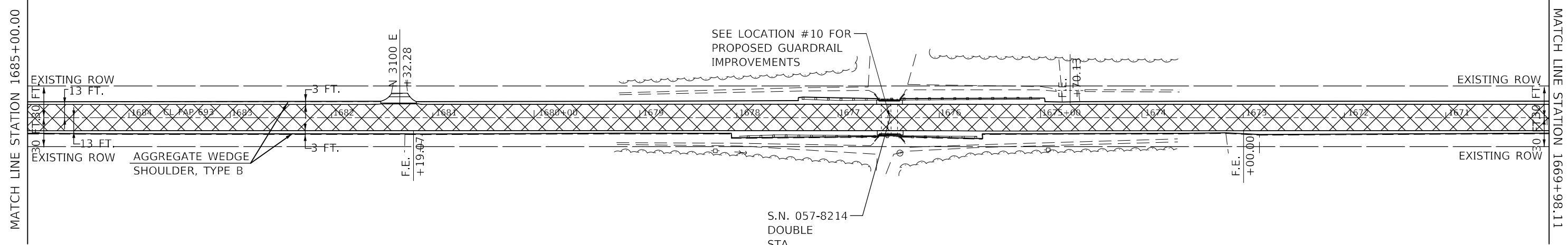
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PLAN SHEET

SCALE: SHEET 14 OF 18 SHEETS STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)R5-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 36
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

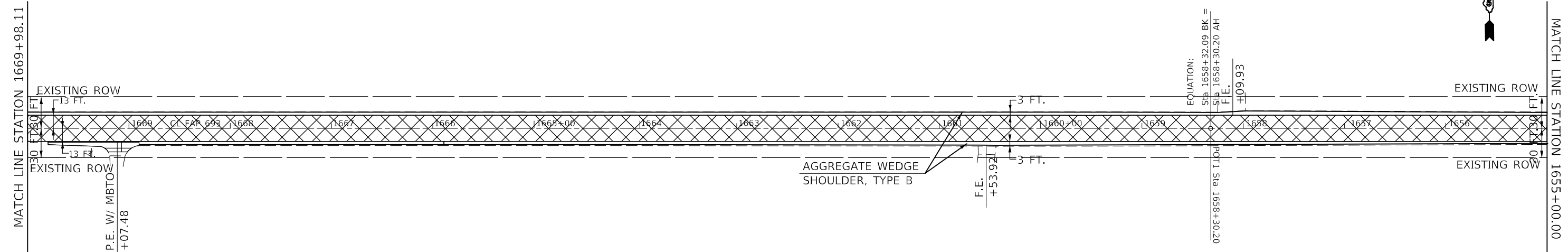
SEC 31, T 24 N., R. 5 E SEC 32, T 24 N., R. 5 E



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 6 T 23 N., R. 5 E SEC 5 T 23 N., R. 5 E

SEC 32, T 24 N., R. 5 E



- HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
- INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 5 T 23 N., R. 5 E

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USER NAME = david.jayne	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

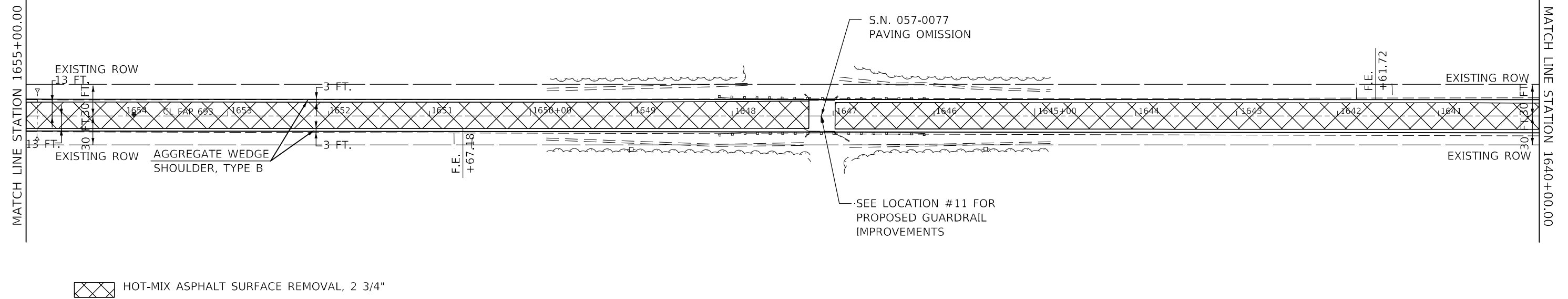
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 9 PLAN SHEET

SCALE: SHEET 15 OF 18 SHEETS STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)R5-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 37
				CONTRACT NO. 70E86
ILLINOIS FED. AID PROJECT				

SEC 32, T 24 N., R. 5 E

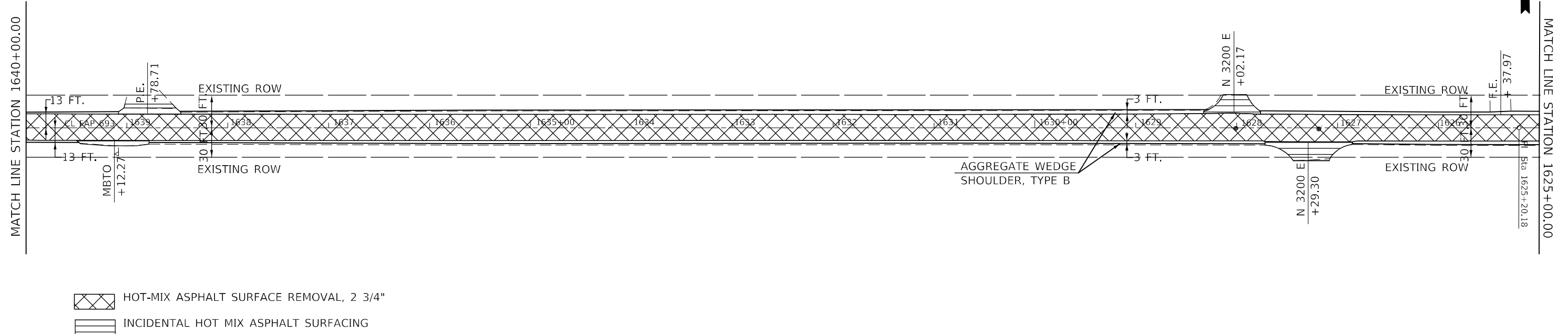


HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 5 T 23 N., R. 5 E

SEC 32, T 24 N., R. 5 E

SEC 32, T 24 N., R. 5 E SEC 33, T 24 N., R. 5 E



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 5 T 23 N., R. 5 E

SEC 5 T 23 N., R. 5 E SEC 4 T 23 N., R. 5 E

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USER NAME = david.jayme	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

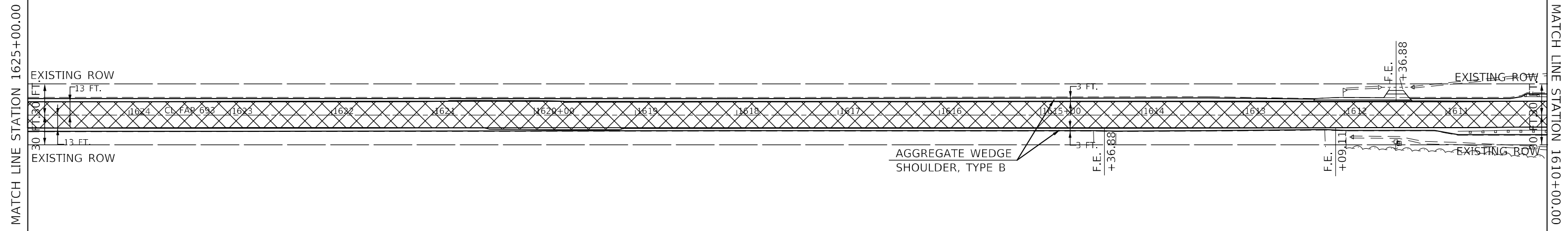
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



IL 9 PLAN SHEET

SCALE: SHEET 16 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	38
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

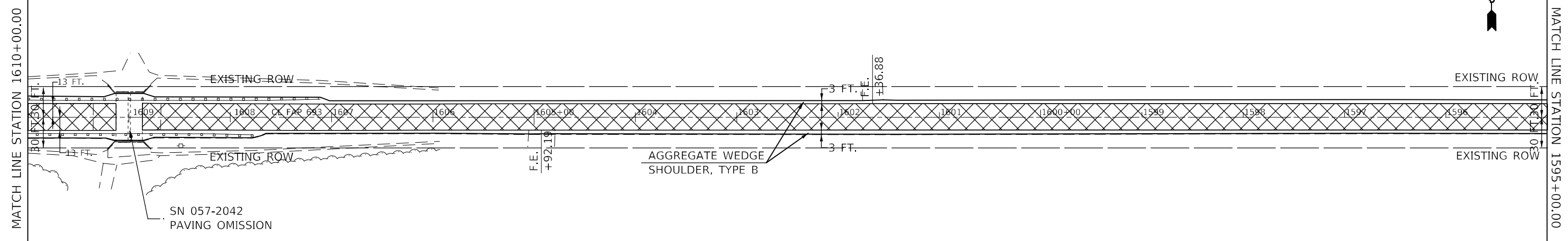
SEC 33, T 24 N., R. 5 E



-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
-  INCIDENTAL HOT MIX ASPHALT SURFACING

SEC 4 T 23 N., R. 5 E

SEC 33, T 24 N., R. 5 E



-  HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

SEC 4 T 23 N., R. 5 E

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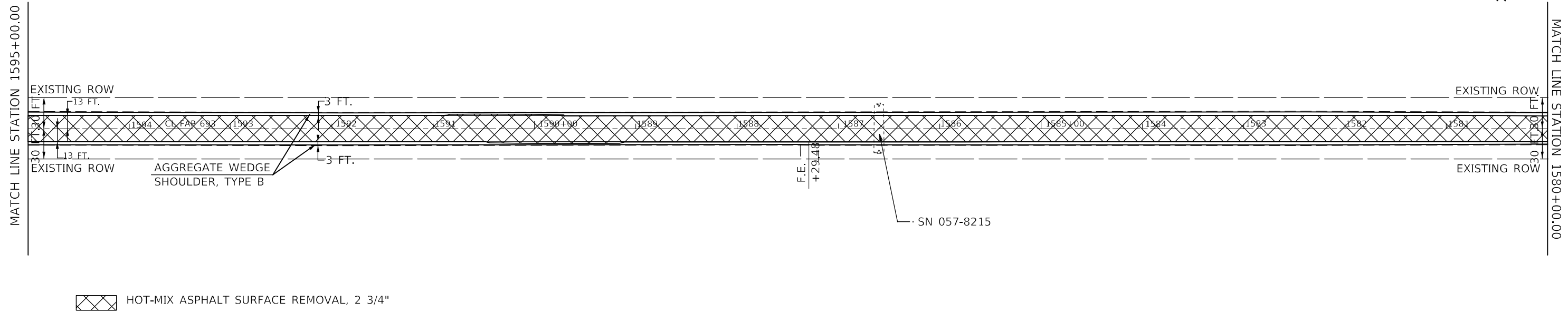
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PLOT DATE = 2/3/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 9 PLAN SHEET			
SCALE:	SHEET 17	OF 18 SHEETS	STA. TO STA.

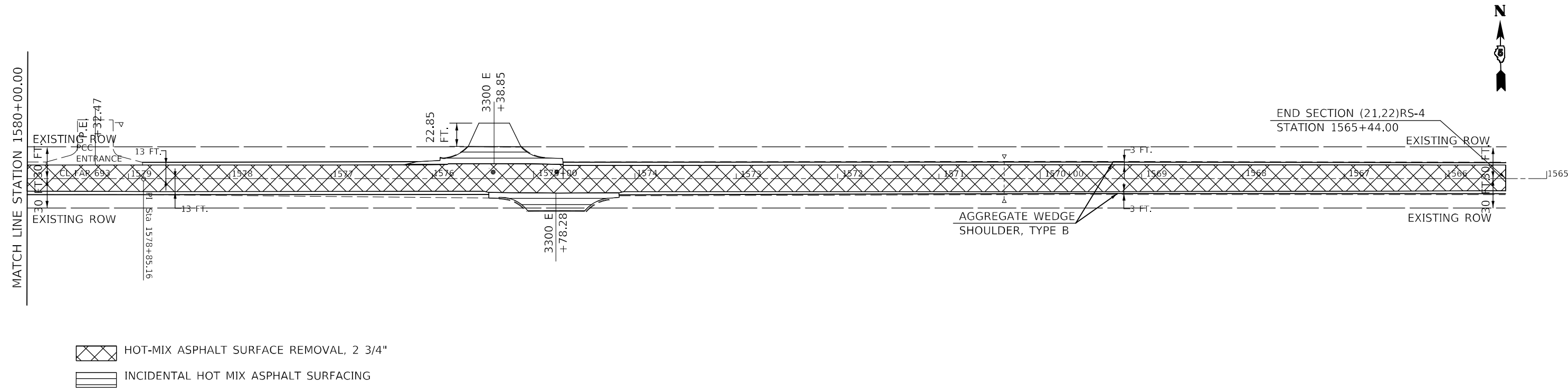
F.A.P. RTE. 693	SECTION (21,22)R5-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 39
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

SEC 33, T 24 N., R. 5 E



SEC 4 T 23 N., R. 5 E

SEC 33, T 24 N., R. 5 E SEC 34, T 24 N., R. 5 E



SEC 4 T 23 N., R. 5 E SEC 3 T 23 N., R. 5 E

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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
DRAWN -	REVISIED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

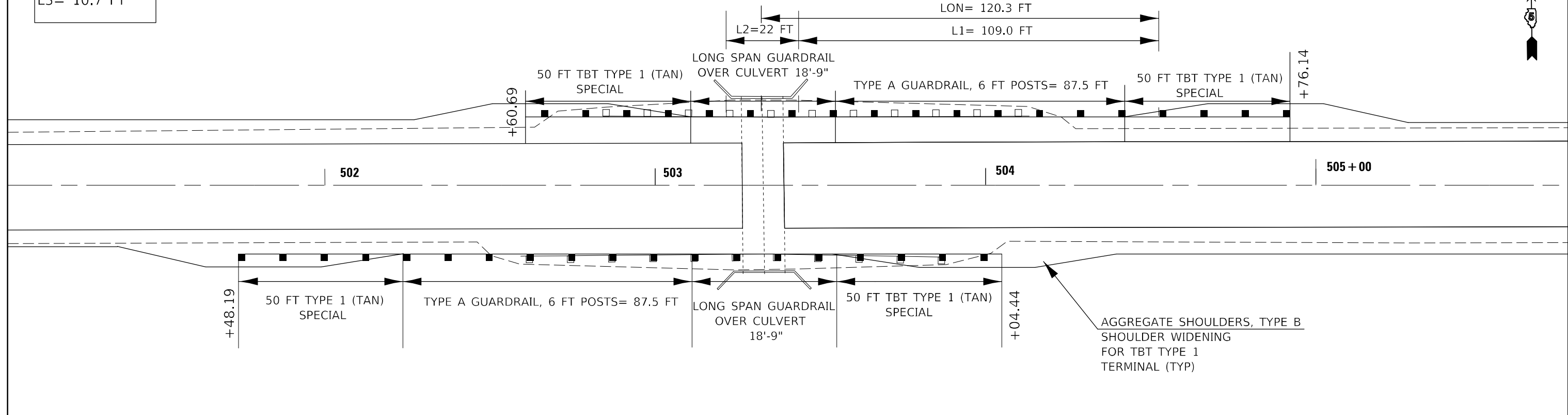
IL 9 PLAN SHEET

SCALE: SHEET 18 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	40
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

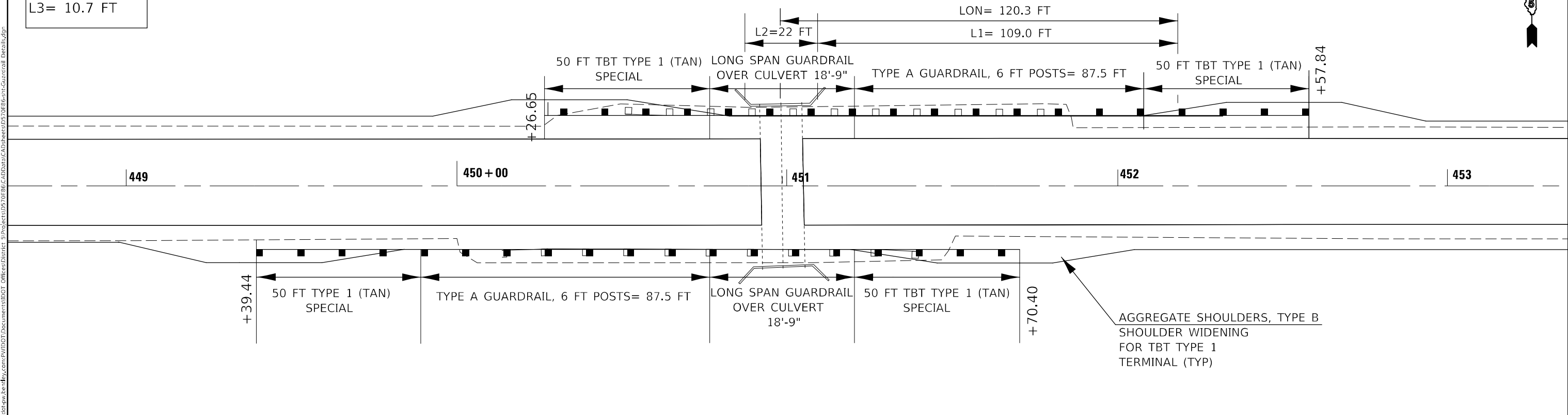
LOCATION 2- SN 057-8147

LON = 120.3 FT
L1= 109.0 FT
L3= 10.7 FT



LOCATION 1- SN 057-8143

LON = 120.3 FT
L1= 109.0 FT
L3= 10.7 FT



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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

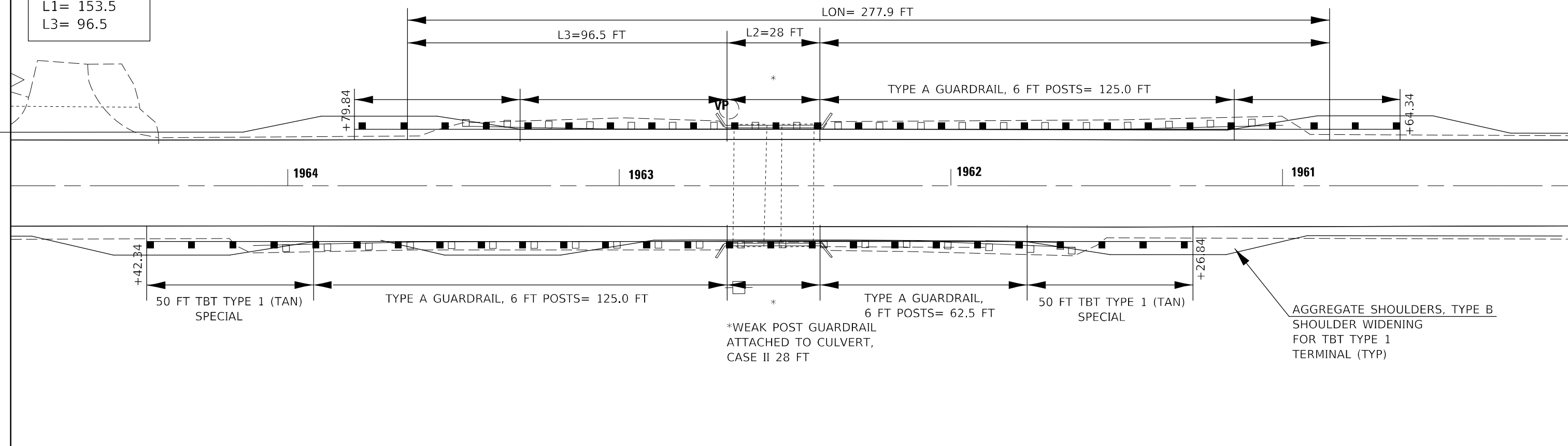
**GUARDRAIL DETAILS
LOC 1 & LOC 2**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	41
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

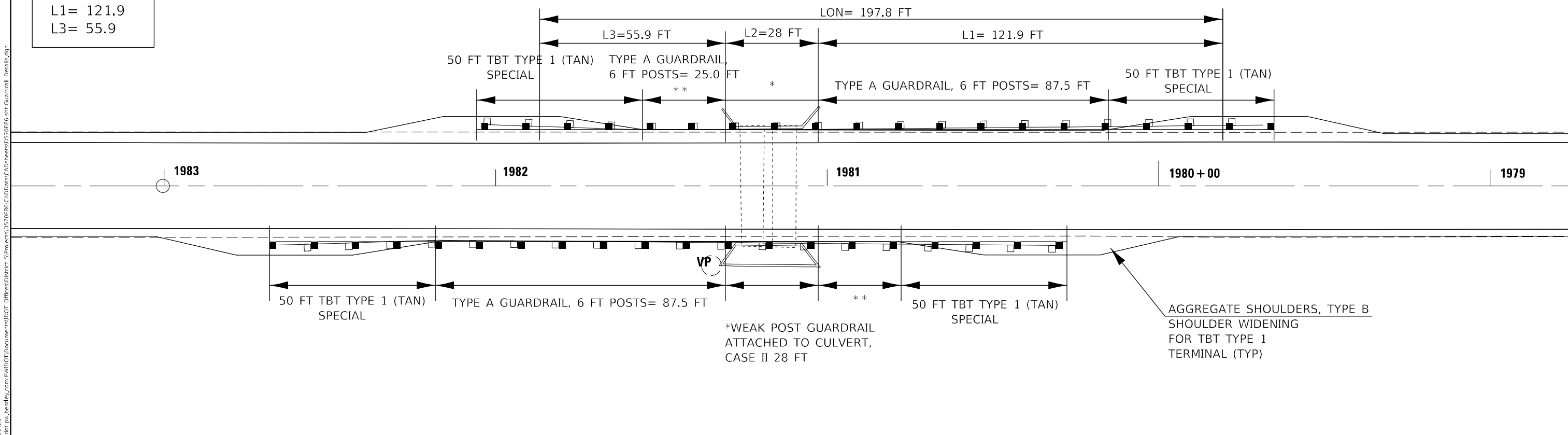
LON = 277.9
L1= 153.5
L3= 96.5

LOCATION 4- SN 057-2045



LON = 197.8
L1= 121.9
L3= 55.9

LOCATION 3- SN 057-8212



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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

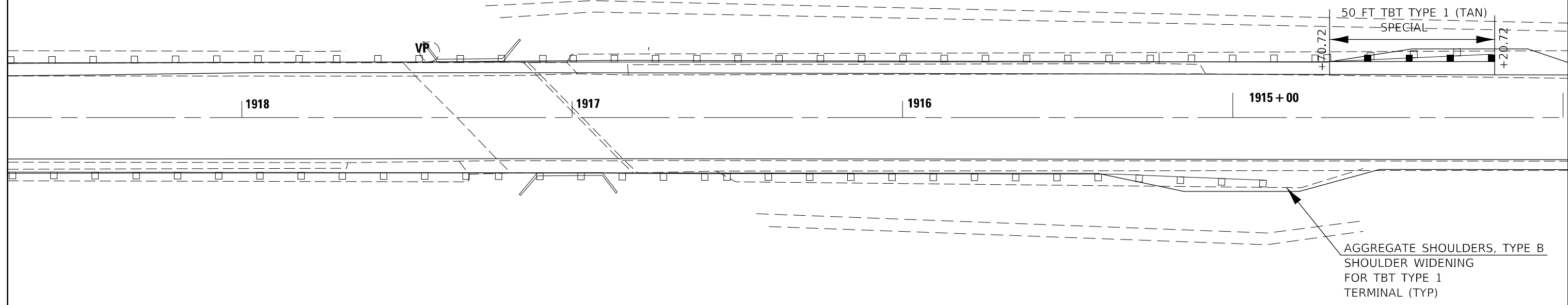
GUARDRAIL DETAILS
LOC 3 & LOC 4

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	42
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

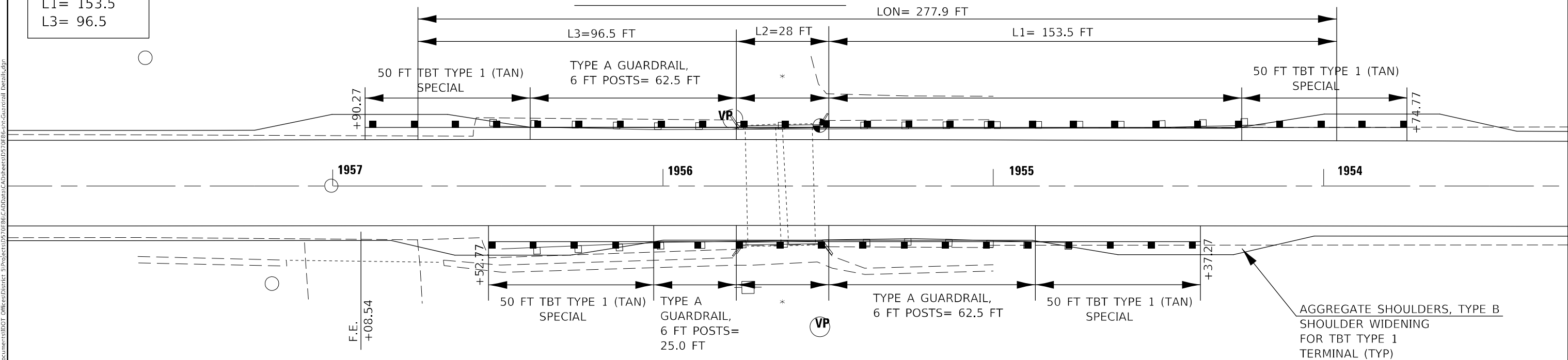
REPLACE NE TERMINAL

LOCATION 6- SN 057-0076



LON = 277.9
L1 = 153.5
L3 = 96.5

LOCATION 5- SN 057-2046



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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
DRAWN -	REVISOR -	REVISOR -
PLOT SCALE = 30,0000 * / in.	CHECKED -	REVISOR -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

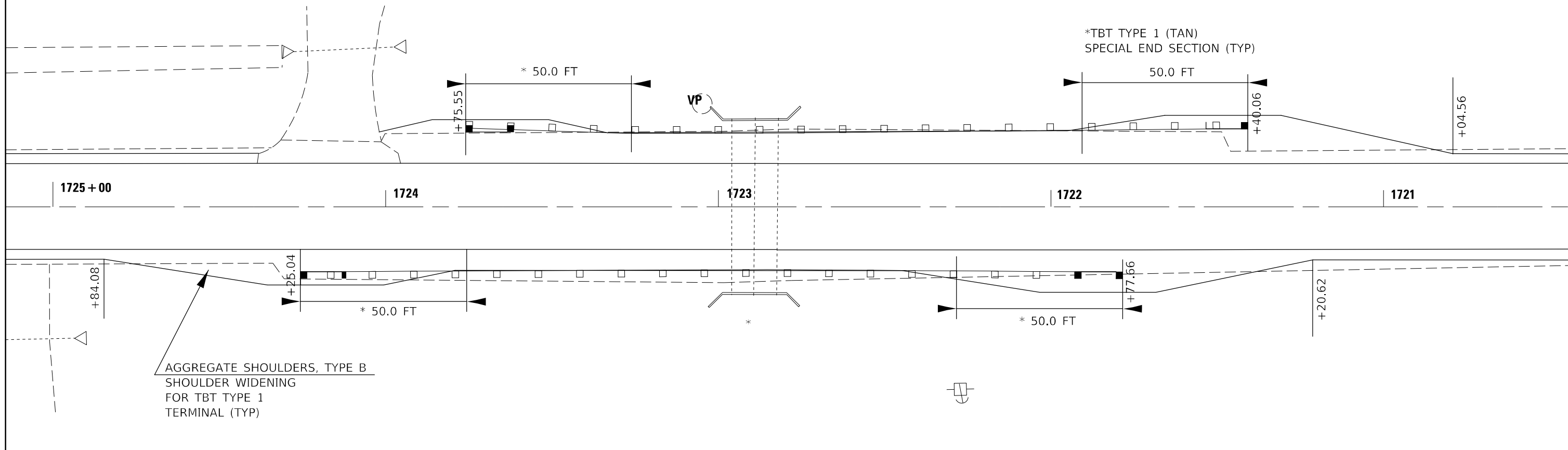
**GUARDRAIL DETAILS
LOC 5 & LOC 6**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)RS-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 43
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

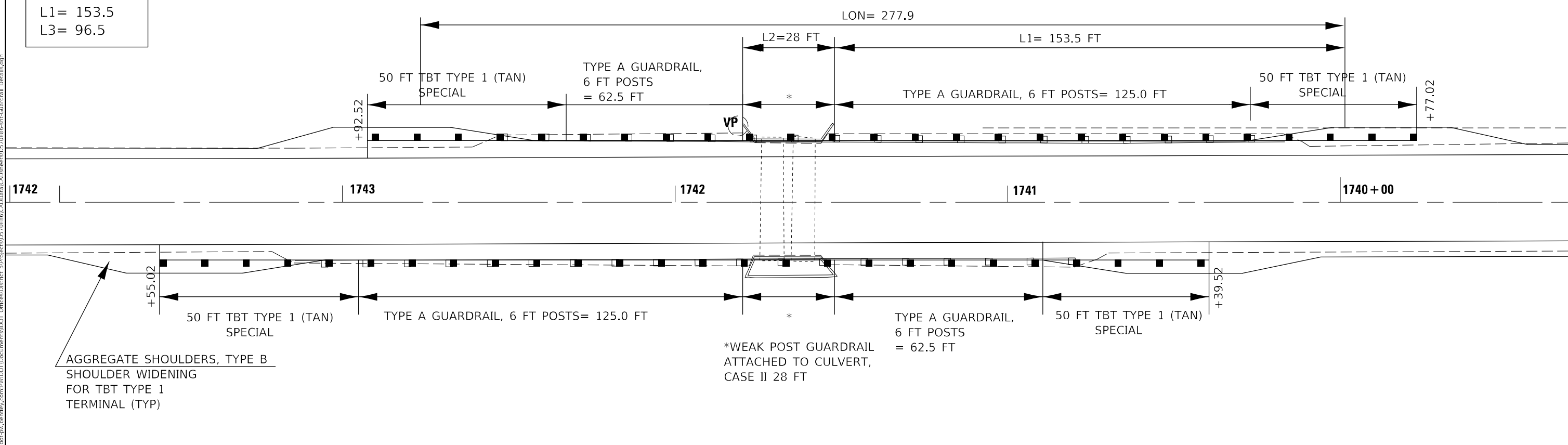
REMOVE AND REPLACE 12.5 END TERMINALS

LOCATION 8- SN 057-8164



LOCATION 7- SN 057-8213

LON = 277.9
L1 = 153.5
L3 = 96.5



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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

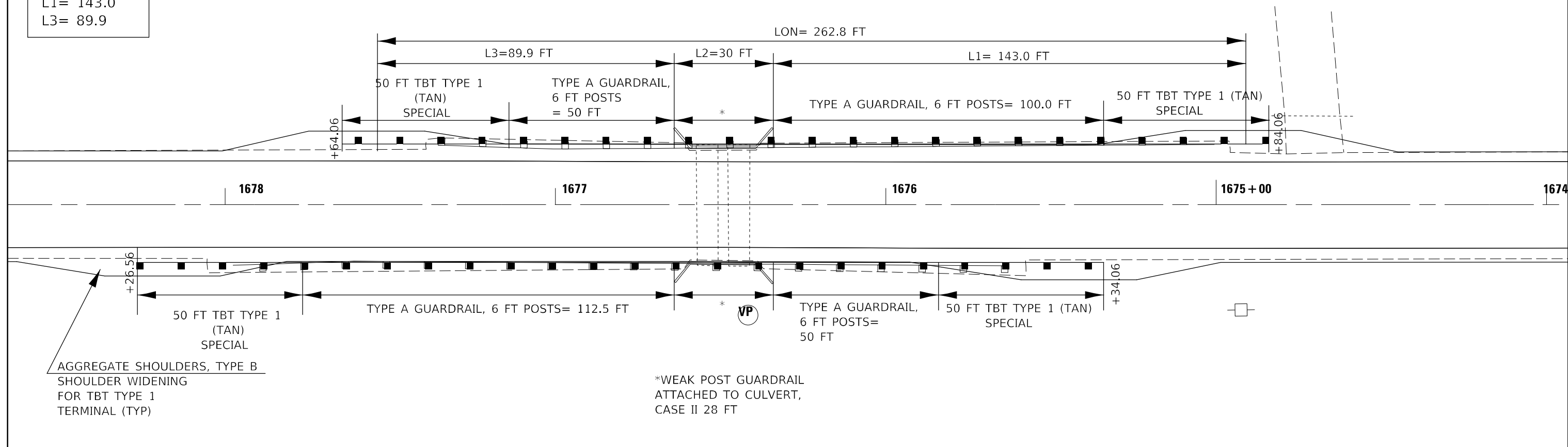
GUARDRAIL DETAILS
LOC 7 & LOC 8

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	44
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

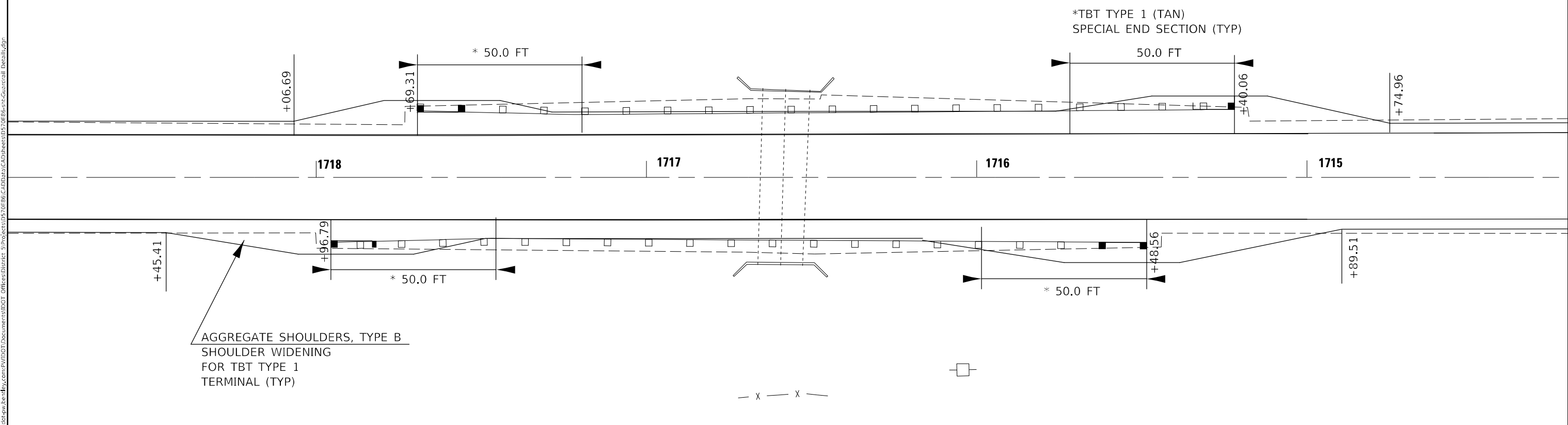
LON = 262.8
L1 = 143.0
L3 = 89.9

LOCATION 10- SN 057-8214



REMOVE AND REPLACE 12.5 END TERMINALS

LOCATION 9- SN 057-8165



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USER NAME = Hans.Knoepfel	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 30,0000 * / in.	CHECKED -	REVISIONS -
PLOT DATE = 2/3/2023	DATE -	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS
LOC 9 & LOC 10

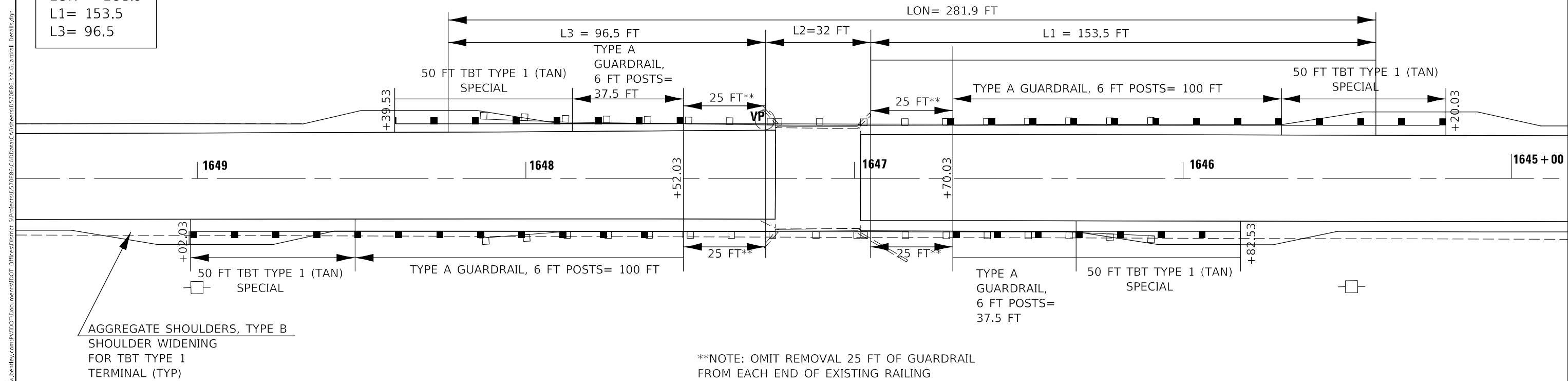
SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	45
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

LOCATION 11- SN 057-0077

LON = 281.9
L1 = 153.5
L3 = 96.5

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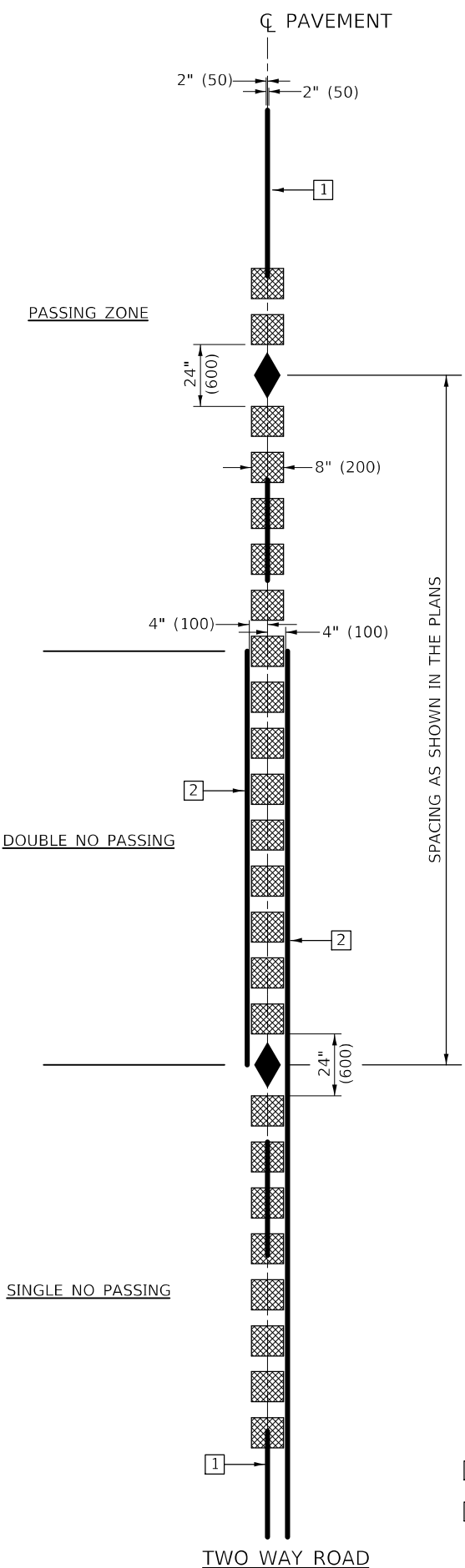
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DRAWN -	REVISIED -	
PLOT SCALE = 30,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/3/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS
LOC 11**

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)RS-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 46
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	



GENERAL NOTES

1. SEE STANDARD 642006 FOR RUMBLE STRIP DIMENSIONS.
2. SEE STANDARDS 780001, 781001 AND DISTRICT 5 CADD DETAIL 7800AAAA FOR PAVEMENT MARKING AND RRPM DETAILS NOT SHOWN.
3. ALL RUMBLE STRIPS SHALL BE MILLED.
4. CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF ALL ENTRANCES.
5. DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL INTERSECTIONS.
6. CENTERLINE RUMBLE STRIPS SHALL BE SEALED BEFORE APPLICATION OF PAVEMENT MARKINGS AND MARKERS WITH A 12" (300) STRIP OF BITUMINOUS MATERIALS (TACK COAT) APPLIED AT A RESIDUAL ASPHALT RATE OF 0.05 LB/FT² (0.244 Kg/m²).
7. AVOID RESURFACING OR PAVING JOINTS. SEE ARTICLES 780.04 AND 781.03(a).
8. DRAWINGS NOT TO SCALE

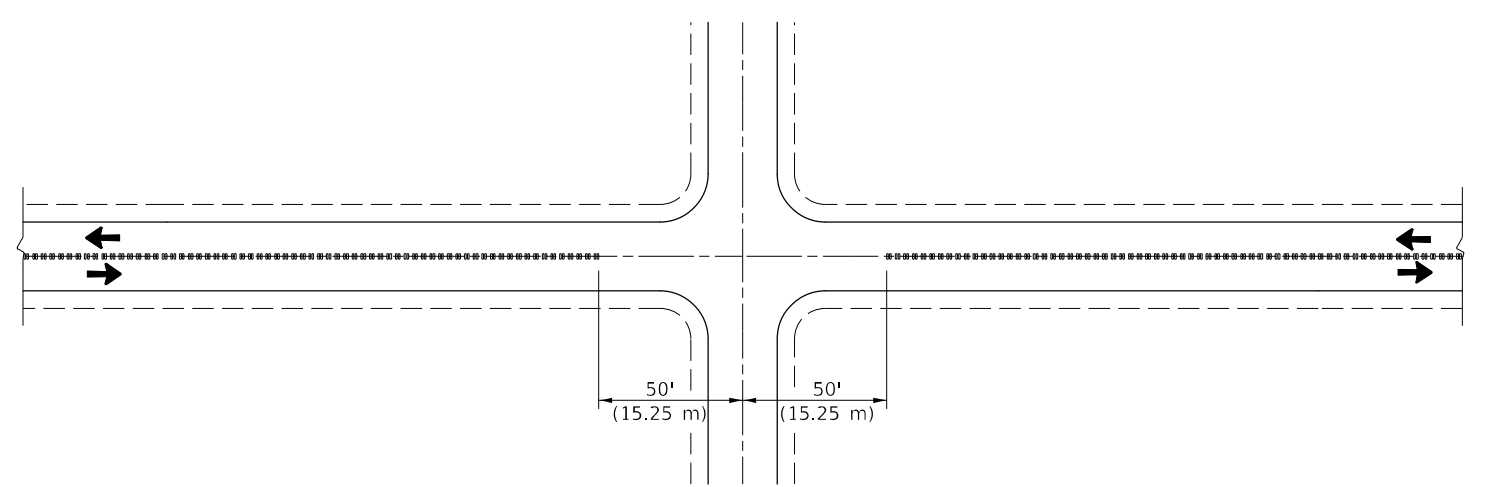
TYPICAL PAVEMENT MARKERS LEGEND

◆ TWO-WAY AMBER MARKER AND/OR SURVEY MARKER

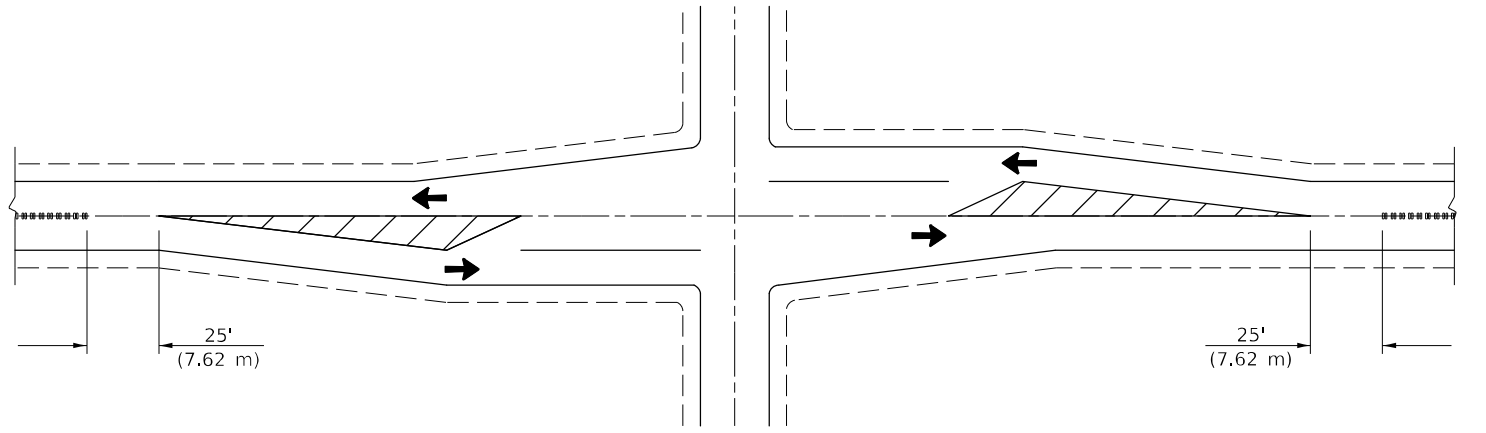
TYPICAL PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)

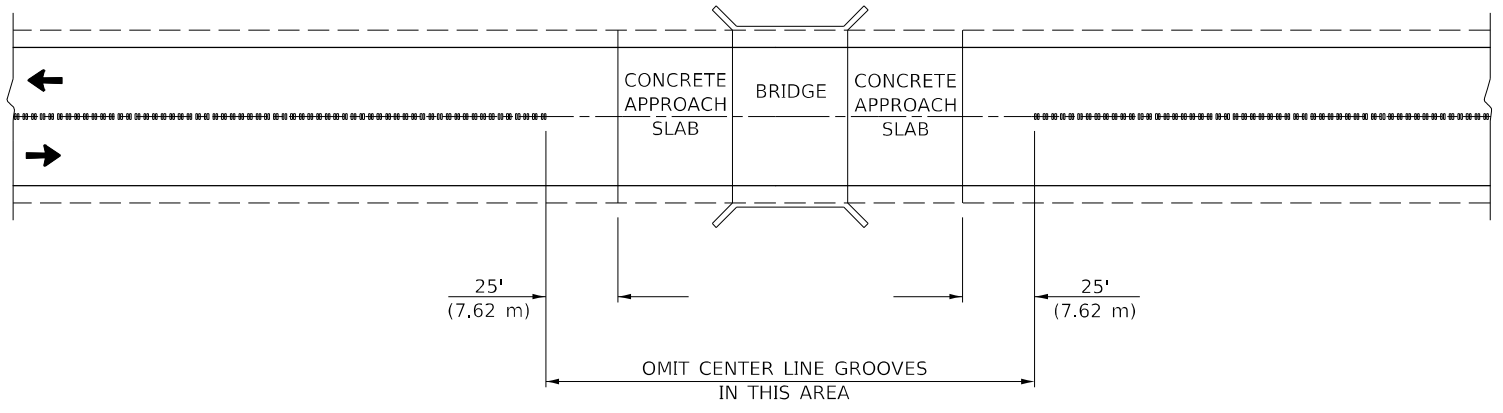
TWO WAY ROAD



CENTER LINE RUMBLE STRIP OMISSION AT INTERSECTION



CENTER LINE RUMBLE STRIP OMISSION AT INTERSECTIONS (WITH LEFT TURN LANES)



CENTER LINE RUMBLE STRIP OMISSION AT BRIDGES

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

MODEL: I:\MODEL\MAR\FE: MAR\F:\pub\cadd\paw\benefy.com\FW\DOT\Documents\DOT Office\Dir\Dir: S\Project\0570E86\CADD\data\CAD\Sheet\0570E86-sh-detailed.dwg

USER NAME = david.jayme	DESIGNED - BIJ 8/22/2018	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2023	CHECKED -	REVISED -
	DATE -	REVISED -

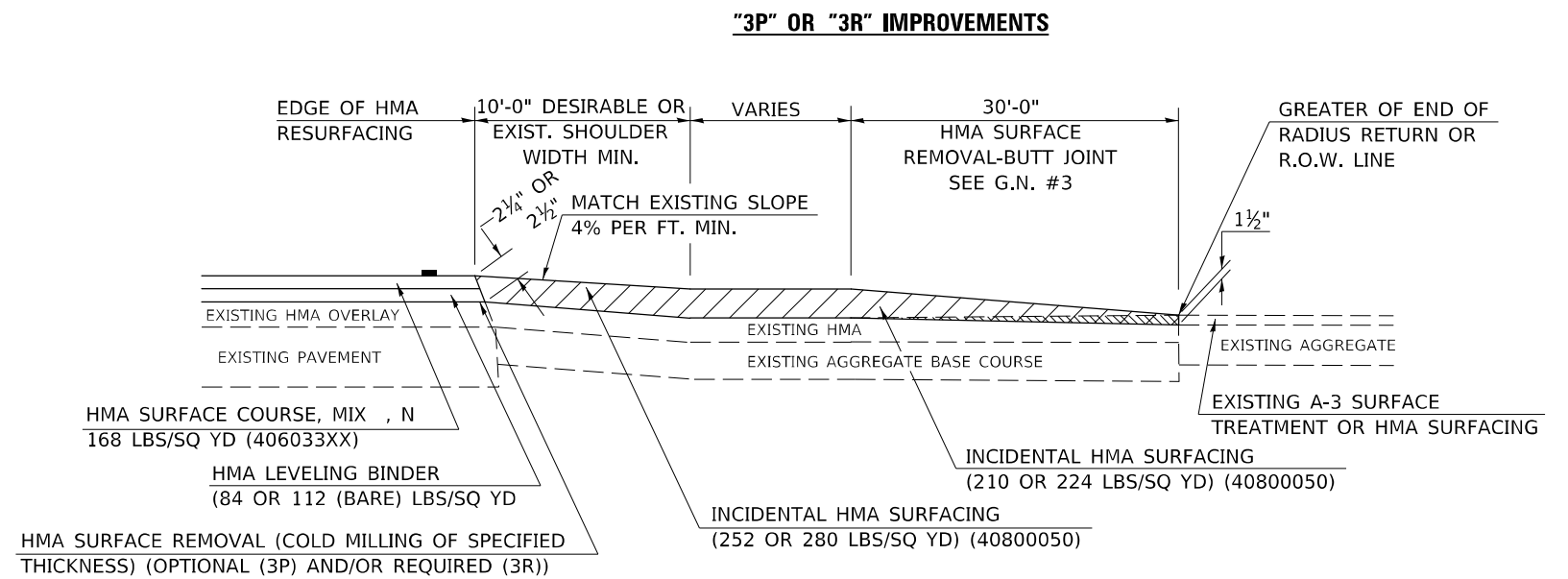
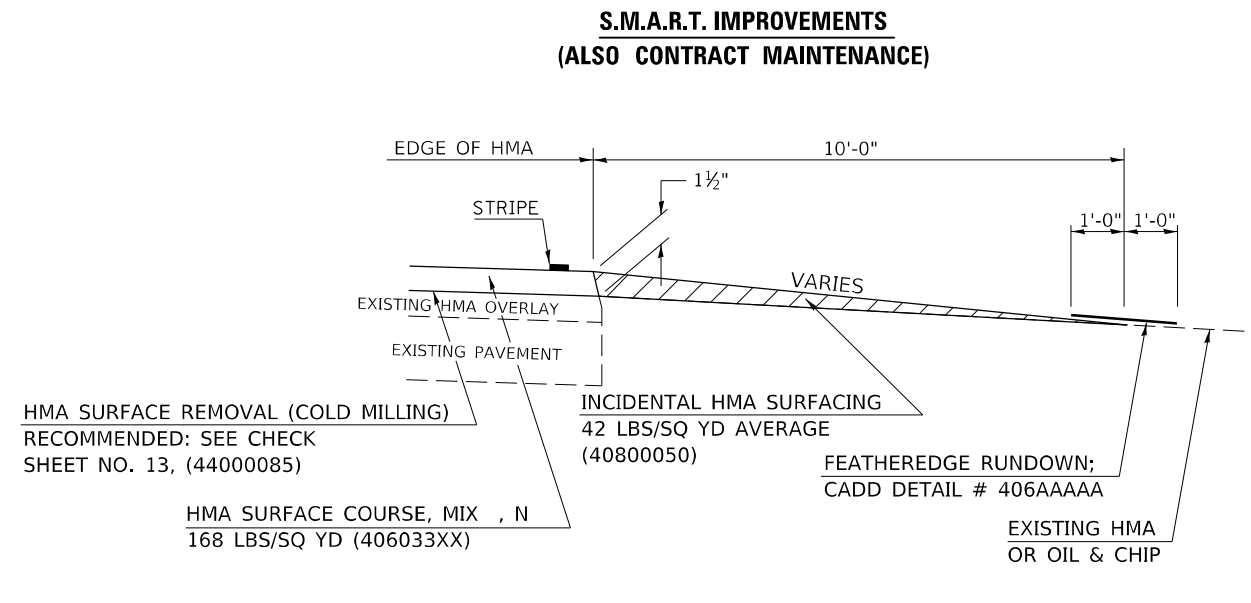
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CENTER LINE - RUMBLE STRIP- 8"

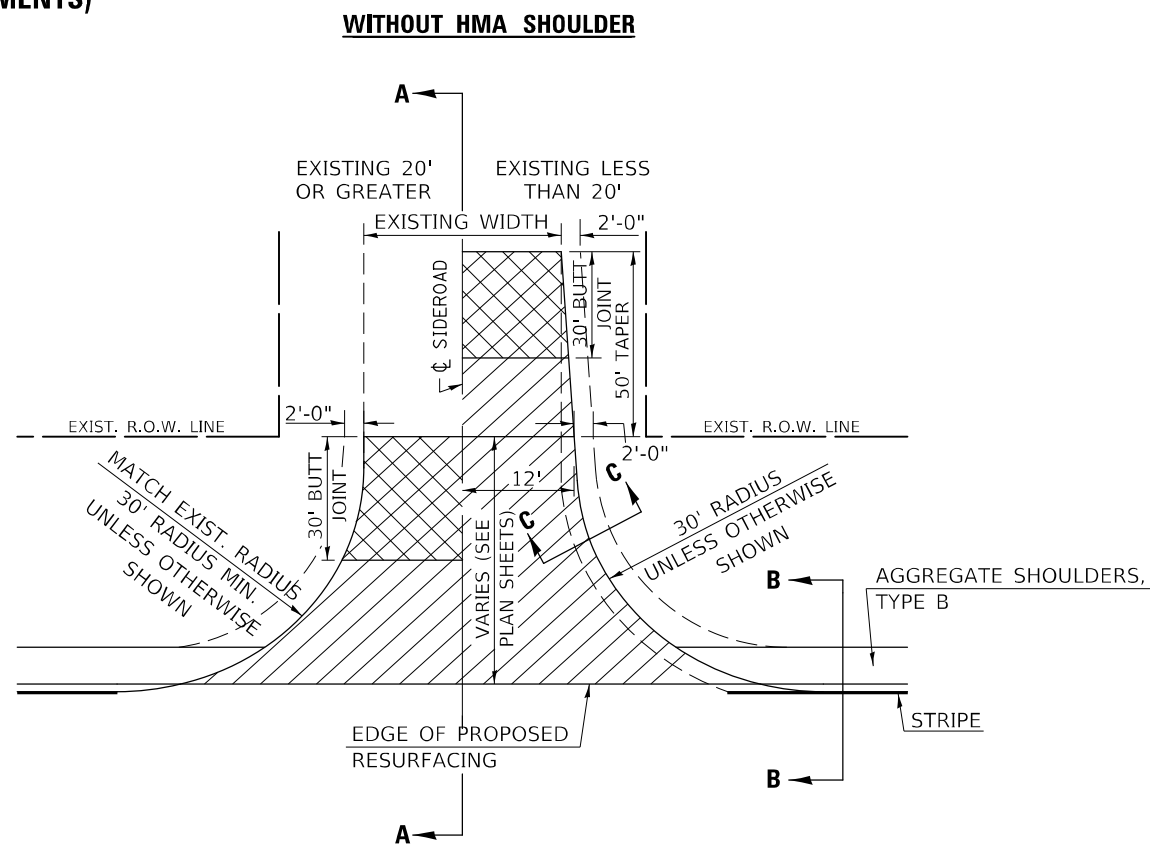
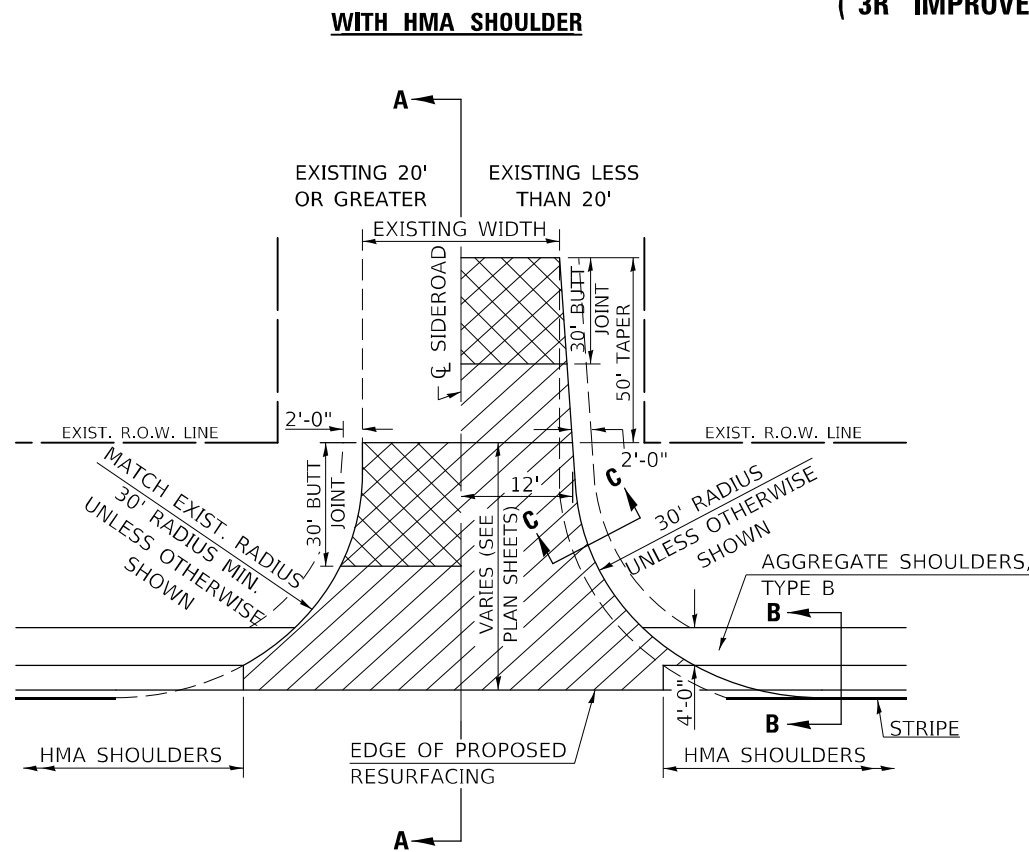
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 693	SECTION (21,22)RS-4	COUNTY MCLEAN	TOTAL SHEETS 61	SHEET NO. 47
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70E86	

PROJECTS WITHOUT RECONSTRUCTION



PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

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

DISTRICT 5 DETAIL NO. 408000AA

USER NAME = david.jayne	DESIGNED -	REVISOR -	12/06 TJB
	DRAWN -	REVISOR -	09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -	12/09 KJT
PLOT DATE = 2/3/2023	DATE -	REVISOR -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

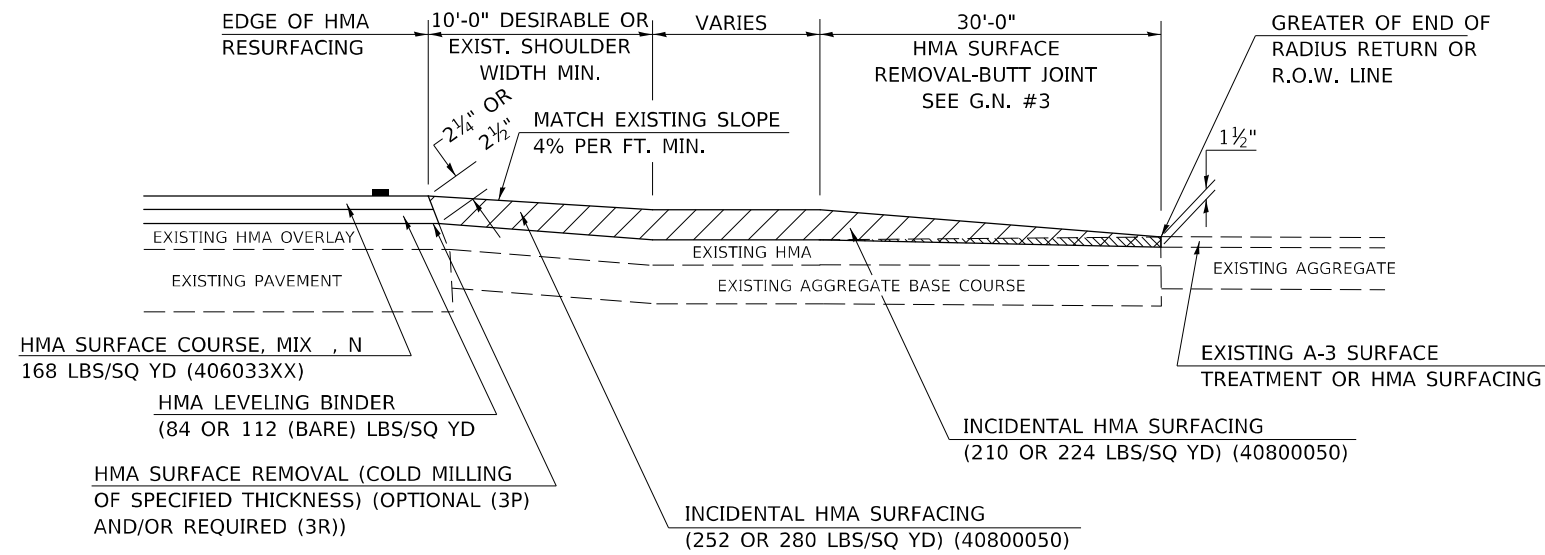
SIDEROAD & SIDESTREETS (RURAL)

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

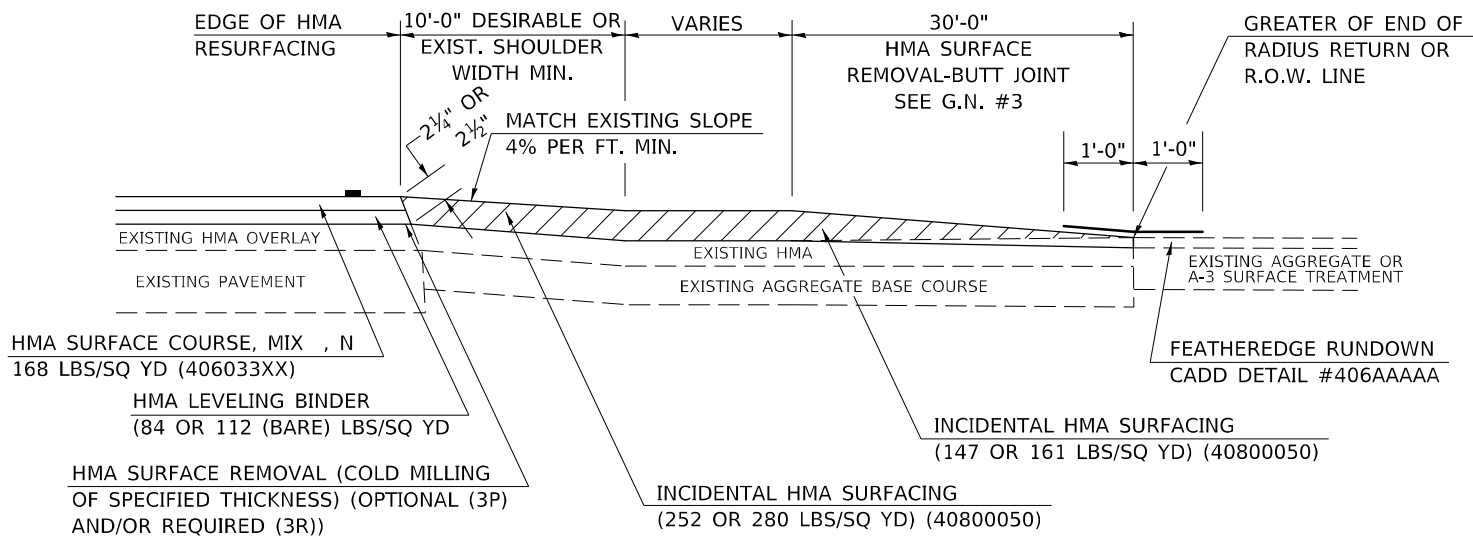
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	48
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

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 CADD: I:\CADD\DOT...

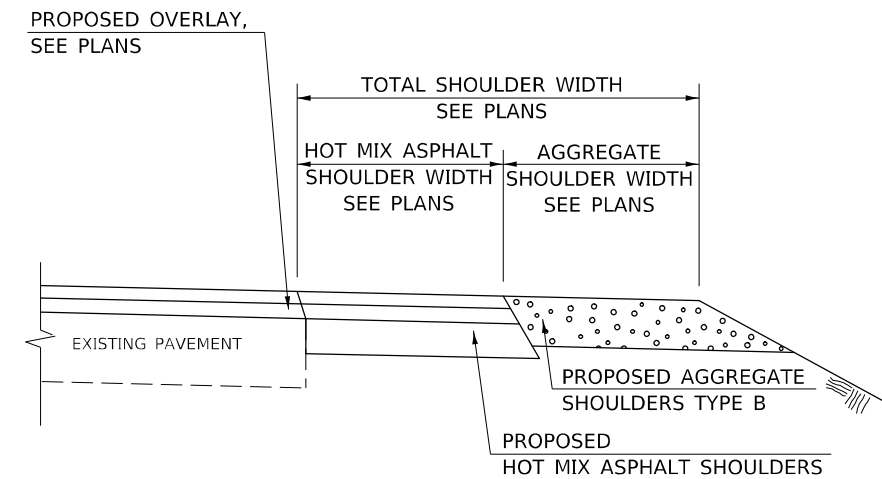
**SECTION A-A
EXISTING HMA OR PCC SIDEROAD (> 400 ADT)**



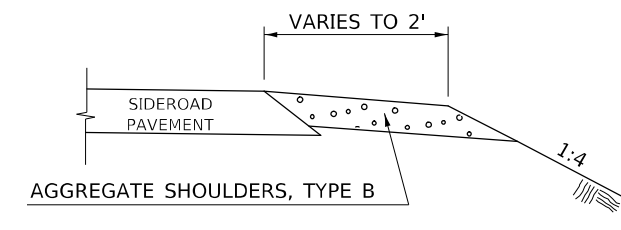
**SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (< 400 ADT)**



RURAL SIDEROAD DESIGN STANDARDS (PPM 40-06)											
DESIGN ELEMENT	New Construction & 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) & 3P			SMART & Contract Maintenance				
	min.	des.	max.	min.	des.	max.	min.	des.	max.		
SURFACE WIDTH (FT); (Measured at end of radius or row line; greatest distance from edge of traveled way)	24	24	Coordinate with Geometrics Engineer	Resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA						resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA	
RADIUS (FT)	30	30									
SHOULDER WIDTH (FT)	4	8	10								
SHOULDER SLOPE (%)	2	4	12								
ENTRANCE GRADE (%)	1	1 to 4	4								
BREAKOVER (%)	0	5	10								
SIDE SLOPE (FT)	1:10	1:6	1:4								
INTERSECTION ANGLE	60	75 to 90									
SURFACE TYPE											
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge				
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base							
PCC PAVEMENT (INCH)			8								



**SECTION B-B
MAINLINE SHOULDER TREATMENT**



**SECTION C-C
SIDEROAD SHOULDER TREATMENT**

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

DISTRICT 5 DETAIL NO. 408000AA

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USER NAME = david.jayne	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 2/3/2023	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

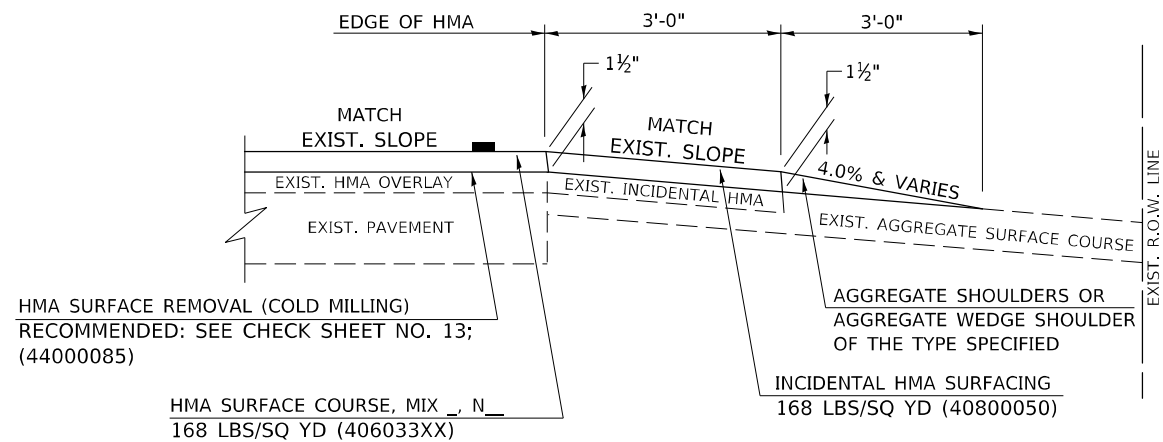
SIDEROAD & SIDESTREETS (RURAL)

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

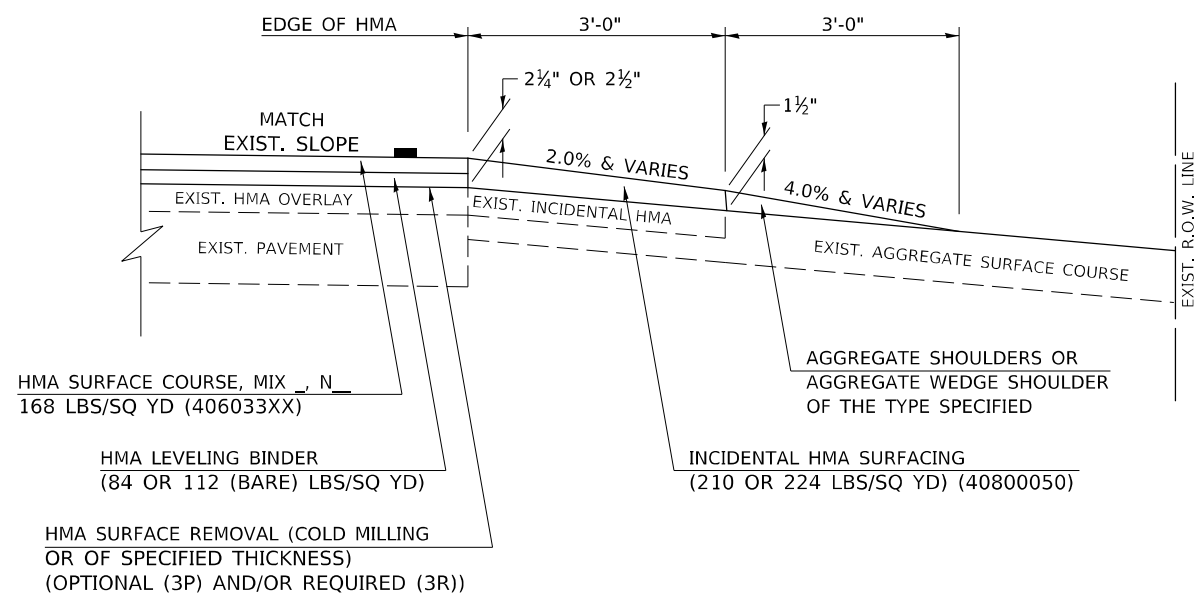
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	49
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION
 ("3R" WITHOUT RECONSTRUCTION, 3P, SMART AND CM)

S.M.A.R.T. IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.03; 1½")

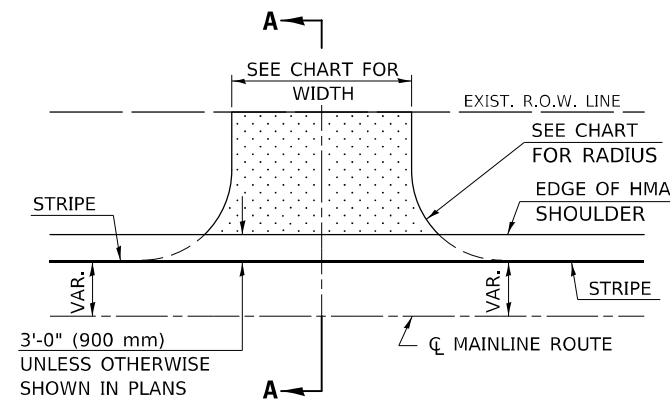


"3P" OR "3R" IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



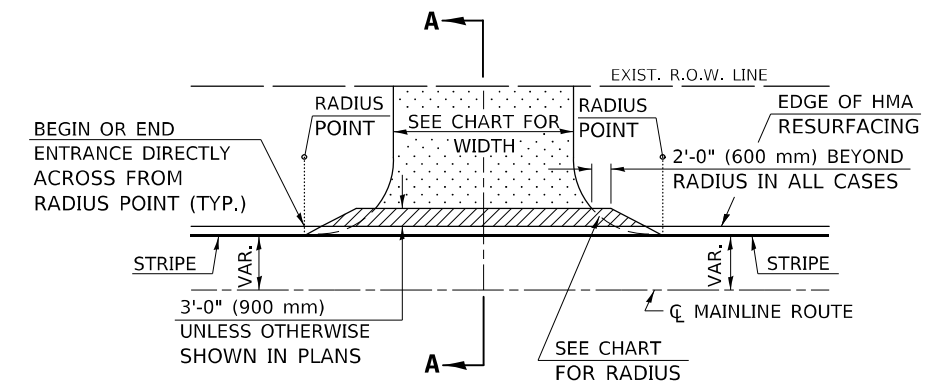
PROJECTS WITH RECONSTRUCTION
 ("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)

ADJACENT TO PROPOSED HMA SHOULDERS
 (AGGREGATE OR EARTH ENTRANCE)

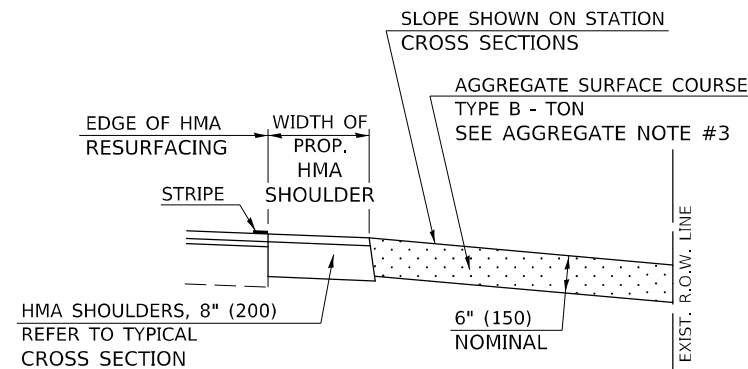


TYPICAL APPLICATION

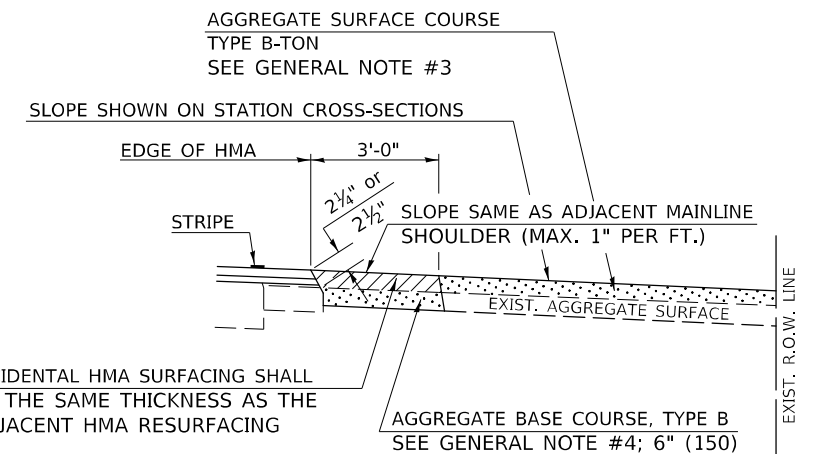
EXISTING AGGREGATE OR EARTH ENTRANCE



TYPICAL APPLICATION



SECTION A-A



SECTION A-A

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

DISTRICT 5 DETAIL NO. 4080050A

USER NAME = david.jayne	DESIGNED -	REVISED - 9/2007 KAG
	DRAWN -	REVISED - 4/2008 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 3/2017 SWN
PLOT DATE = 2/3/2023	DATE -	REVISED - 8/2022 JWS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	50
CONTRACT NO. 70E86				
ILLINOIS		FED. AID PROJECT		

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GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".
7. TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMORANDUM 104/01 DISCUSS THIS PROCEDURE.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)																
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM									
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL			
	PRIVATE & FIELD			FIELD W/FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			COMMERCIAL			
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.		
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY							
						14	16	24								
						2 LANE, 2 WAY			2 LANE, 2 WAY							
						24	30	35	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them							
RADIUS (FT)	15	25	40	30		20	30	50								
SHOULDER WIDTH (FT)	2	2		2		1	3									
SHOULDER SLOPE (%)	2	4	6	4		2	4	6								
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10								
SIDE SLOPE (FT)	1:4	1:6	1:10	1:4	1:6	1:4	1:6	1:10								
SURFACE TYPE																
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder							
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02							
PCC DRIVEWAY PAVEMENT (INCH)		6													6 or 8	

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

DISTRICT 5 DETAIL NO. 4080050A

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USER NAME = david.jayne	DESIGNED -	REVISED - 9/2007 KAG
	DRAWN -	REVISED - 4/2008 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 3/2017 SWN
PLOT DATE = 2/3/2023	DATE -	REVISED - 8/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

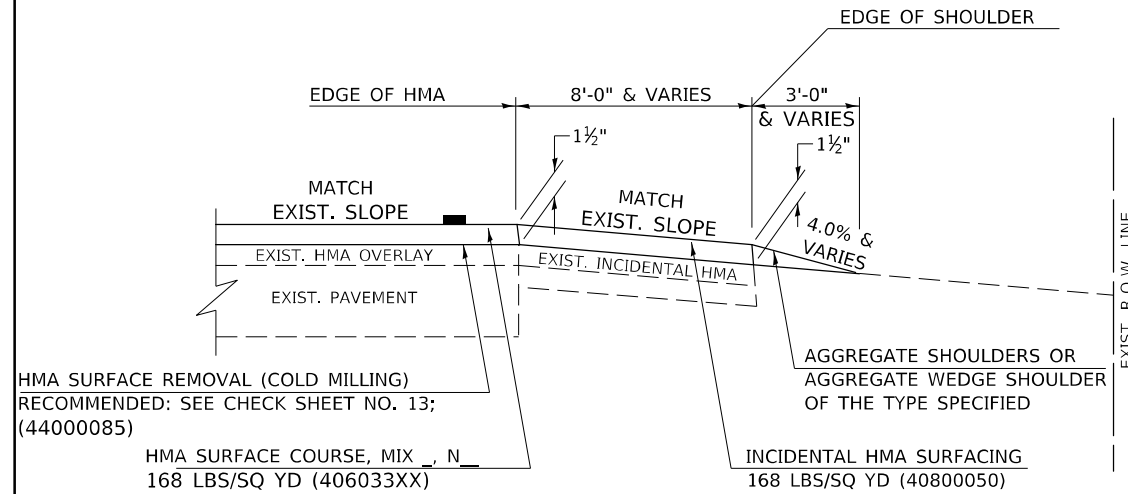
FIELD ENTRANCES (NONCOMMERCIAL RURAL)

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

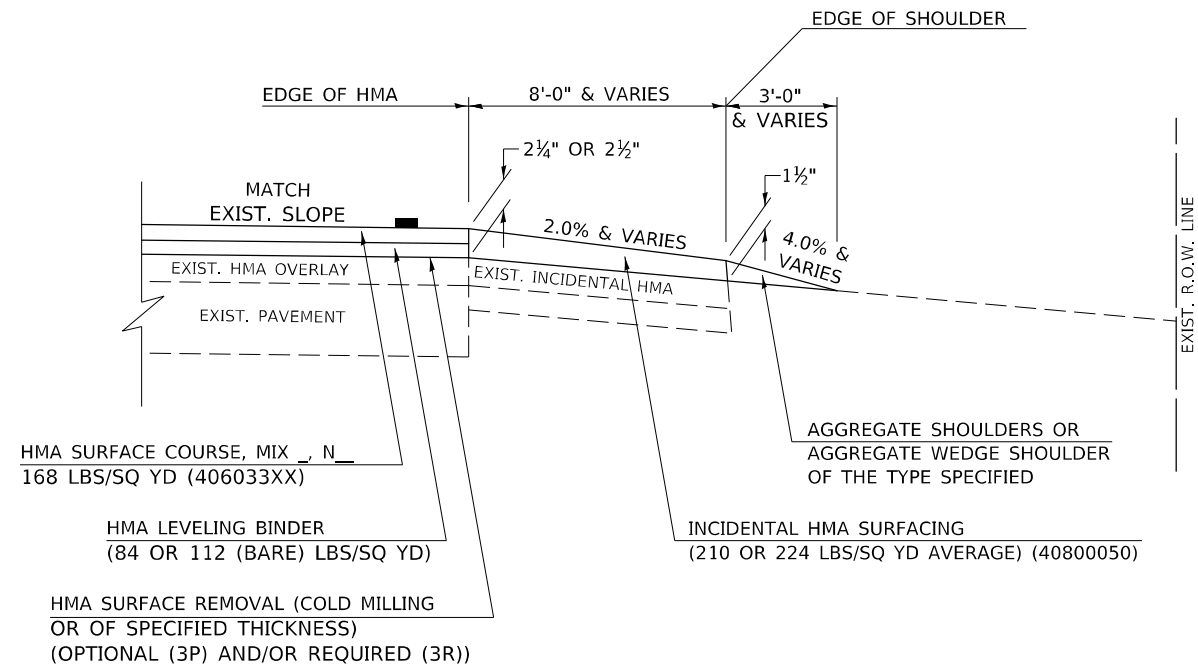
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	51
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1½")



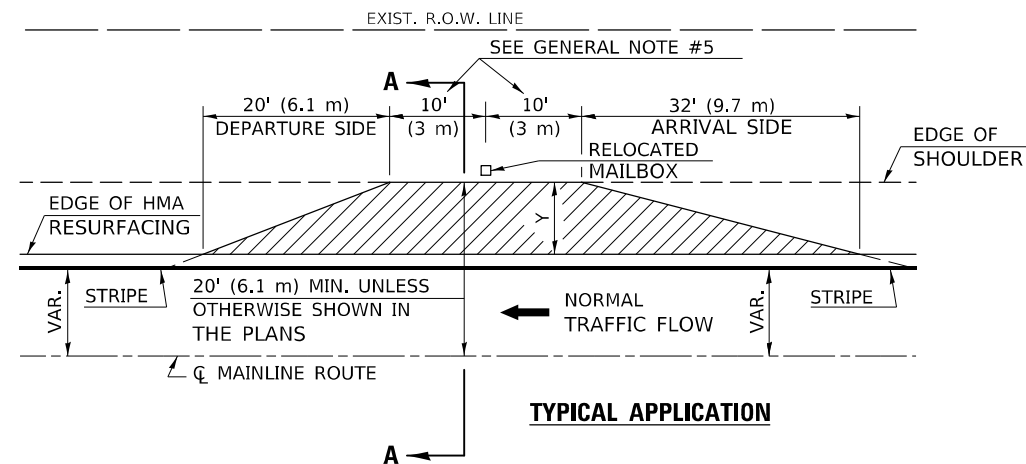
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



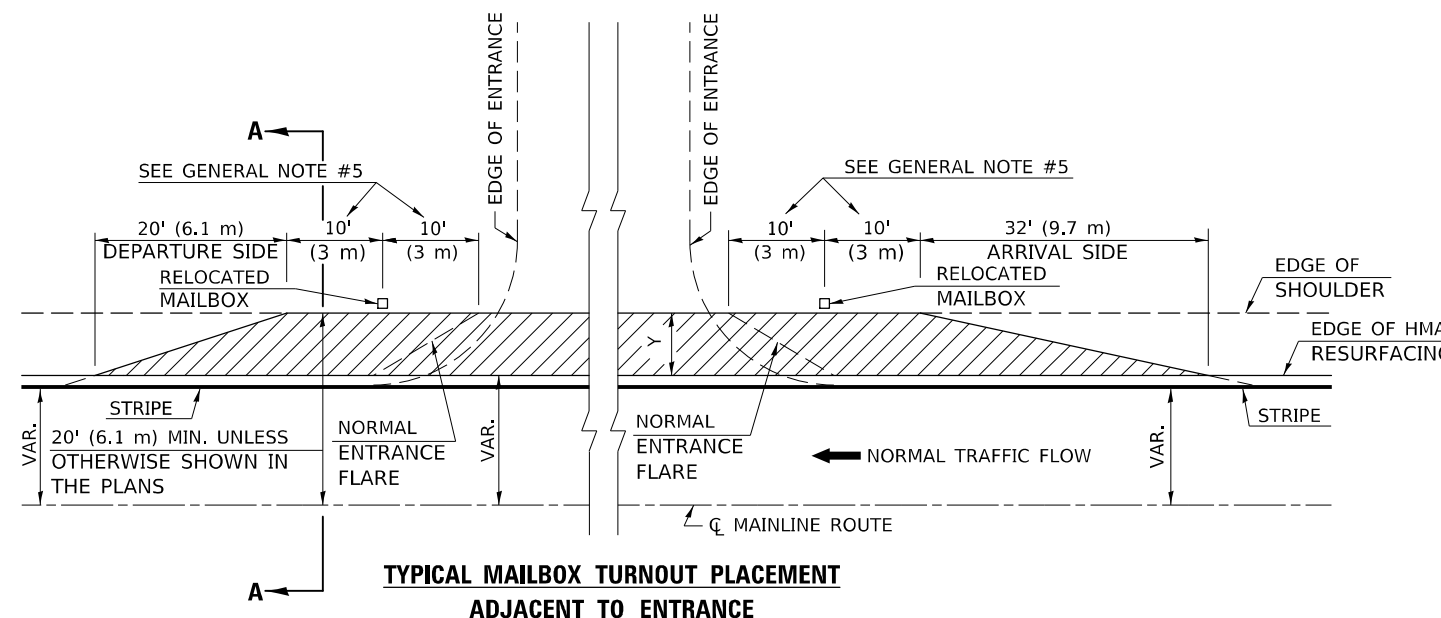
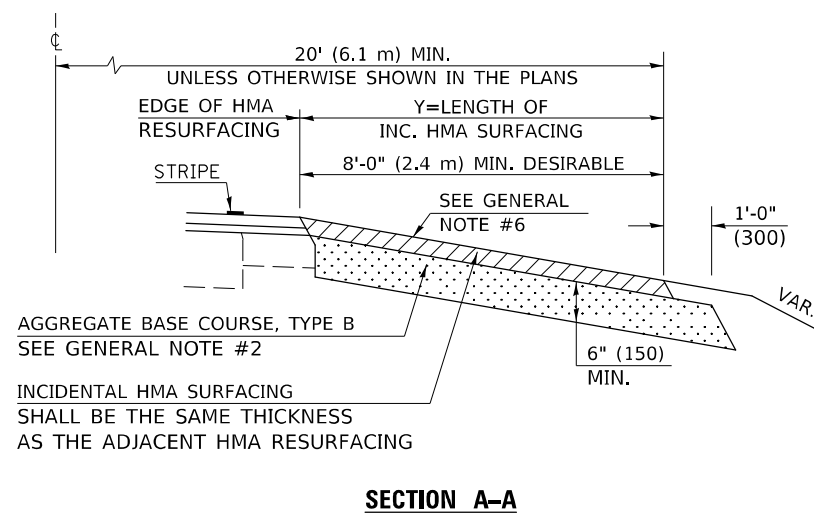
GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ALL EXISTING MAILBOX TURNOUTS OR TO CONSTRUCT NEW MAILBOX TURNOUTS WHERE NONE NOW EXISTS.
3. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
5. WHEN MORE THAN ONE RELOCATED MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' (3 m) DIMENSIONS AS SHOWN ABOVE SHALL BE FROM THE END MAILBOX.
6. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER.
MINIMUM 4% (1/2") DESIRABLE; MAXIMUM 8% (1")
7. WHEN MAILBOX TURNOUTS ARE CONSTRUCTED ADJACENT TO FIELD ENTRANCES, THE WIDTH OF THE INCIDENTAL HMA SURFACING CONSTRUCTED FOR THE FIELD ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED MAILBOX TURNOUT SURFACING.
8. THE TOTAL SHOULDER WIDTH, 2.4 m (8') MINIMUM, SHALL BE PAVED BETWEEN SIDEROADS ENTRANCES AND/OR MAILBOX TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN RADIUS OR TAPER CONTROL POINTS IS LESS THAN 15.0 m (50').
9. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" (150 mm) TO 12" (300 mm) AND THE POST A MINIMUM OF 24" (600 mm) FROM THE EDGE OF THE TURNOUT SURFACING.

PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)



WIDTH OF SHOULDER	4'-0" - 8'-0" (1.2 m - 2.4 m)	10'-0" (3.0 m)
WIDTH OF TURNOUT "Y"	8'-0" (2.4 m)	8'-0" - 10'-0" (2.4 m - 3.0 m)



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

DISTRICT 5 DETAIL NO. 4080050B

USER NAME = david.jayme	DESIGNED -	REVISOR - 12/2006 TJB
	DRAWN -	REVISOR - 9/2007 KAG
PLOT SCALE = 40,0000 * 1/4"	CHECKED -	REVISOR - 8/2022 JWS
PLOT DATE = 2/3/2023	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUT (RURAL)

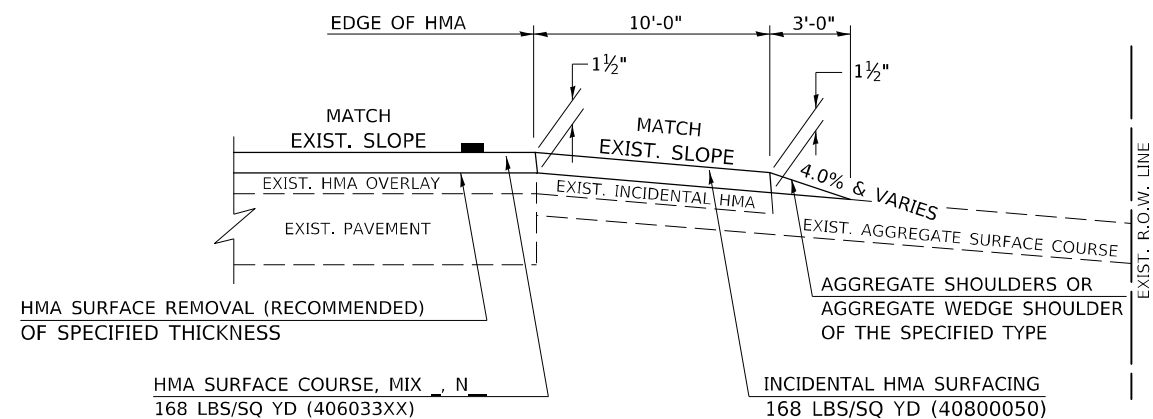
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	52
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

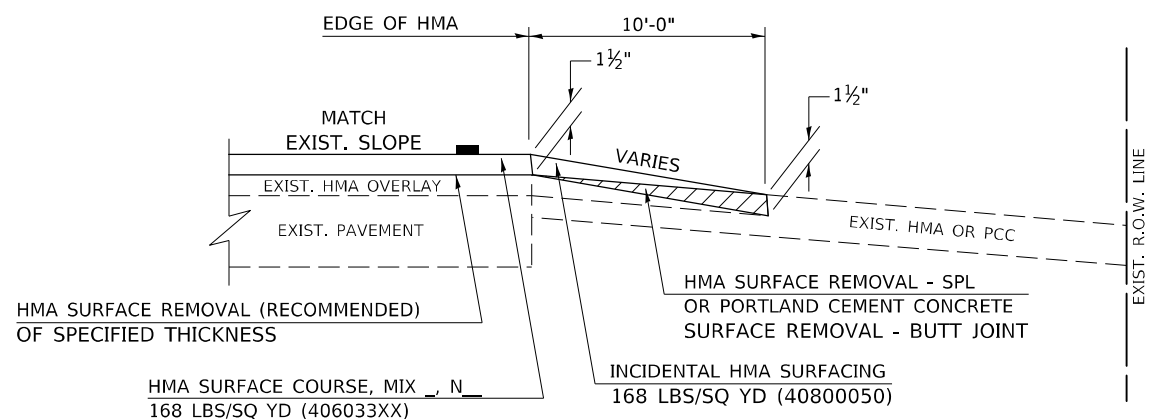
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PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1 1/2")

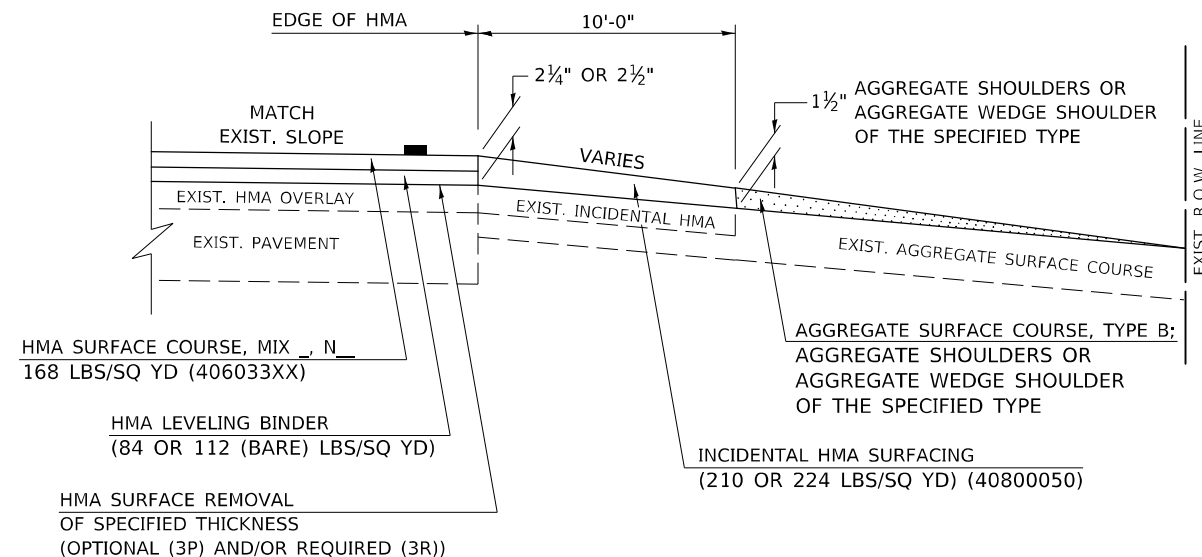


EXISTING AGGREGATE ENTRANCE

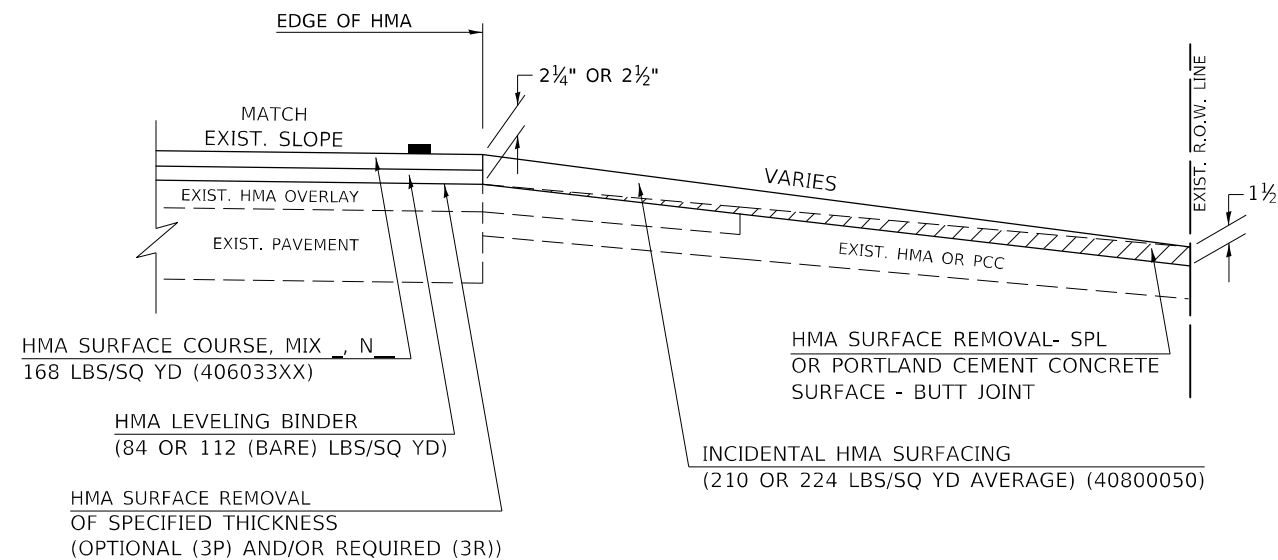


EXISTING HMA OR PCC ENTRANCE

"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2 1/4" OR 2 1/2" ON BARE CONCRETE)



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE

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

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USER NAME = david.jayme	DESIGNED -	REVISD - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISD - 05/08 KJT
PLOT DATE = 2/3/2023	CHECKED -	REVISD - 04/10 KJT
	DATE -	REVISD - 3/6/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

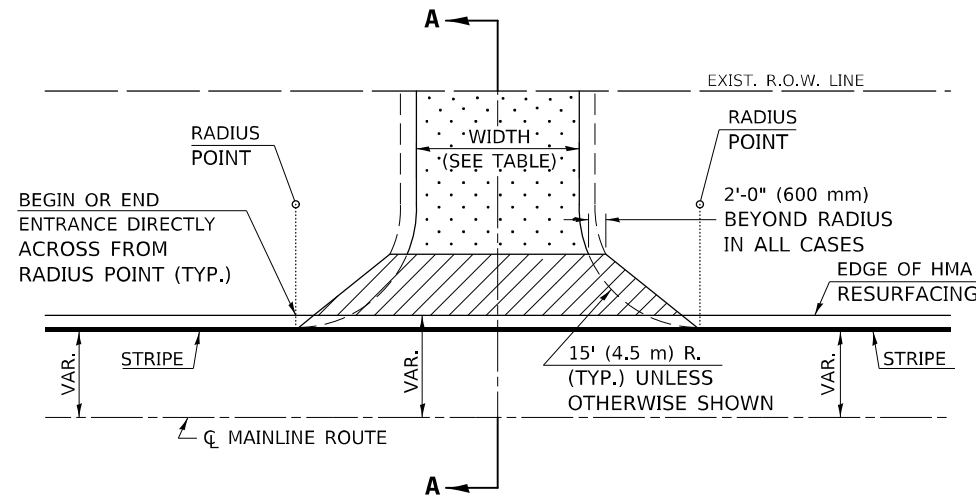
DISTRICT 5 DETAIL NO. 40800050C

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	53
				CONTRACT NO. 70E86
				ILLINOIS FED. AID PROJECT

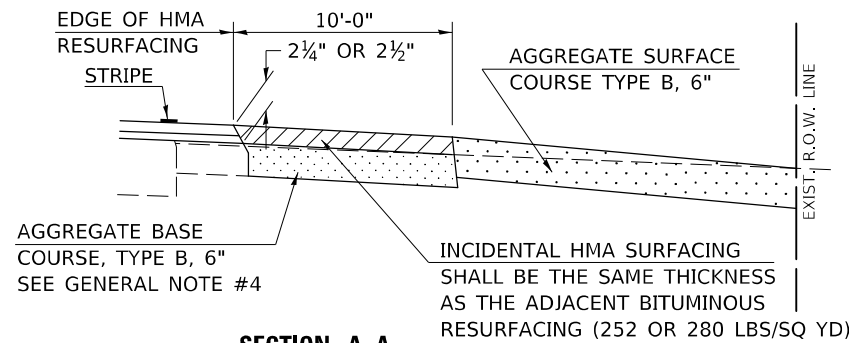
PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE

(3R IMPROVEMENTS)

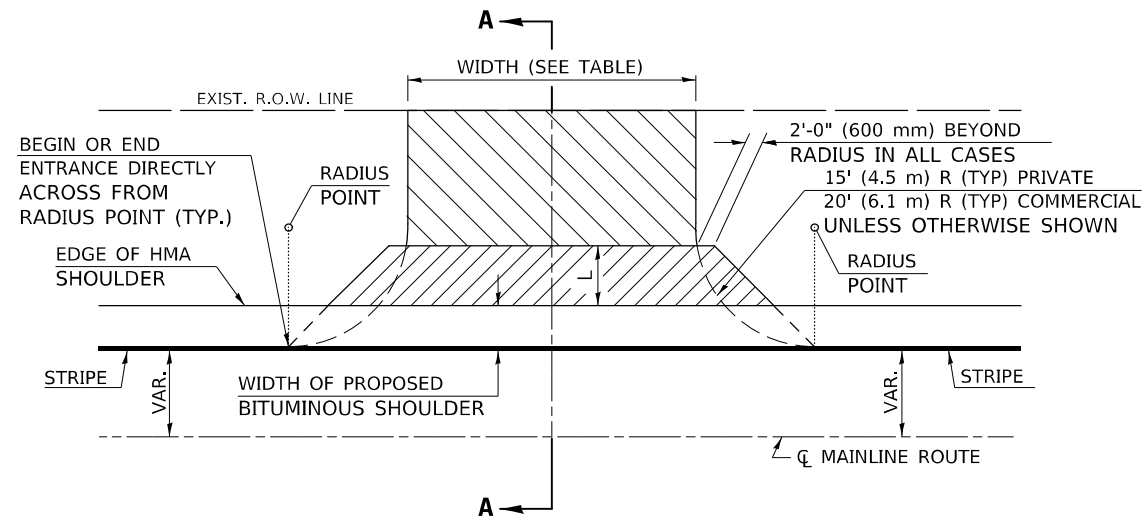


TYPICAL APPLICATION

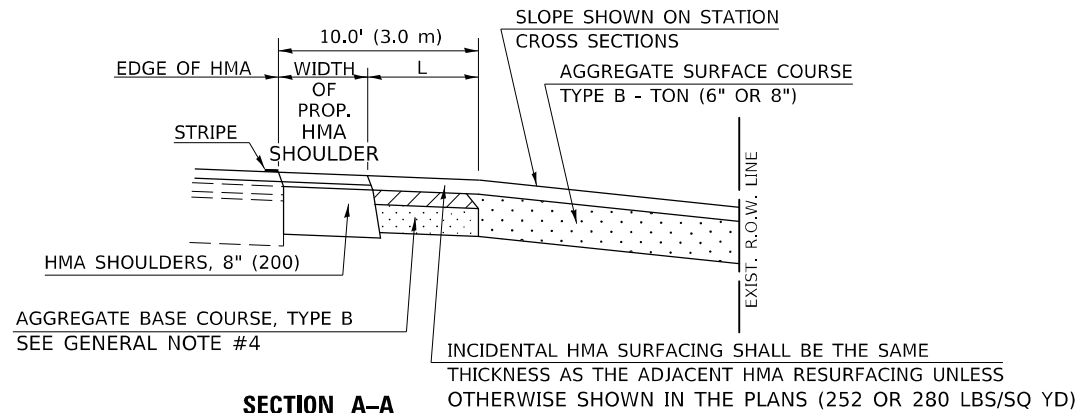


SECTION A-A

HMA OR PCC ENTRANCE



TYPICAL APPLICATION



SECTION A-A
"HMA EXAMPLE"

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".

TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

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

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)

DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY			
						14	16	24							
RADIUS (FT)	15	25	40	30	30	2 LANE, 2 WAY			2 LANE, 2 WAY			2 LANE, 2 WAY			
						24	30	35							
SHOULDER WIDTH (FT)	2	2		2		1	3		resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
SURFACE TYPE															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

DISTRICT 5 DETAIL NO. 40800050C

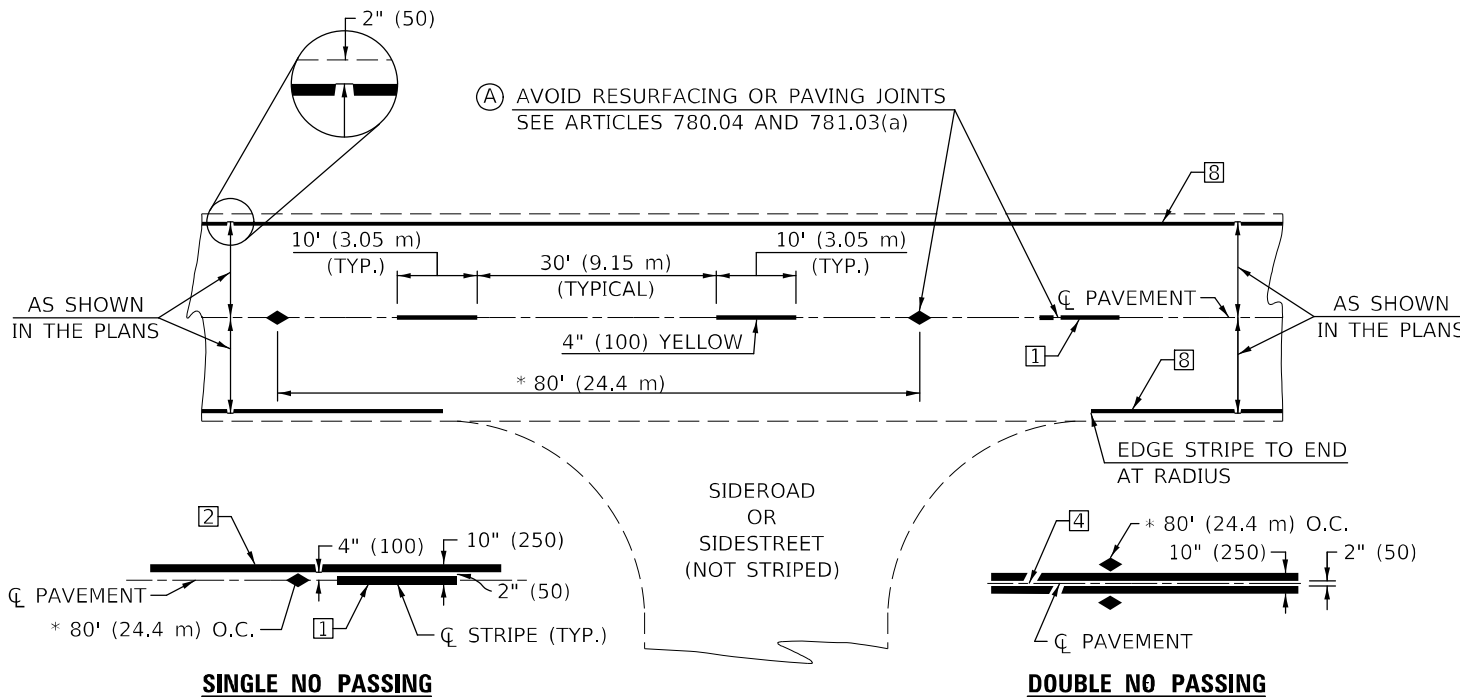
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	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 2/3/2023	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	54
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

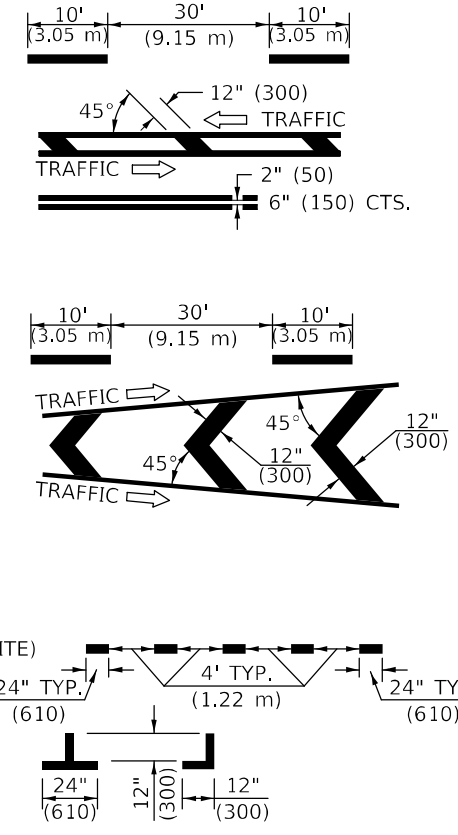
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

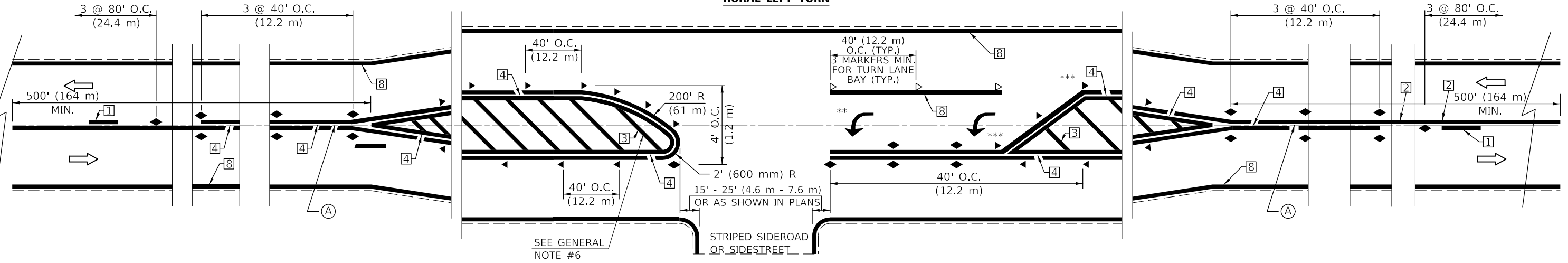
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

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

DISTRICT 5 DETAIL NO. 7800AAAA

MODEL: I:\MODEL MARKS
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 PROJECT: I:\PROJECTS\708E6\708E6.dwg
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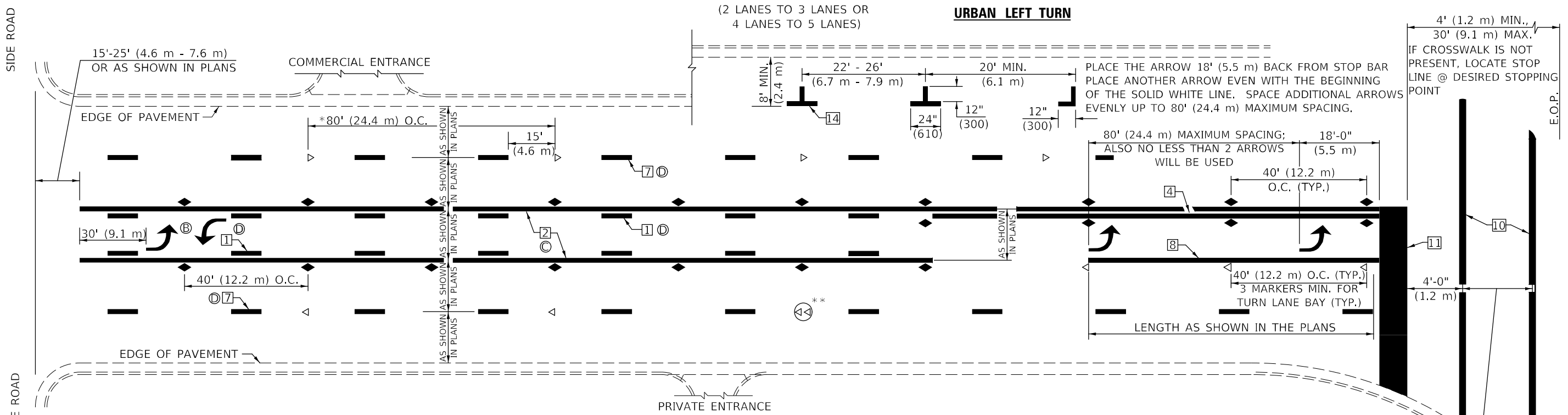
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	DRAWN -	REVISOR -	3/2019 SWN
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -	8/2022 JLA
PLOT DATE = 2/3/2023	DATE -	REVISOR -	9/2022 JWS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	55
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

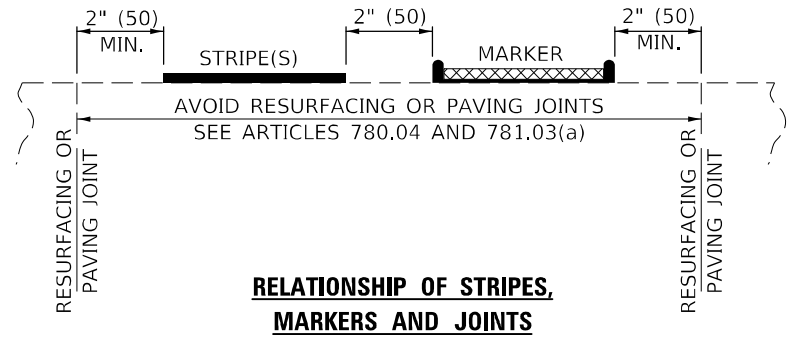
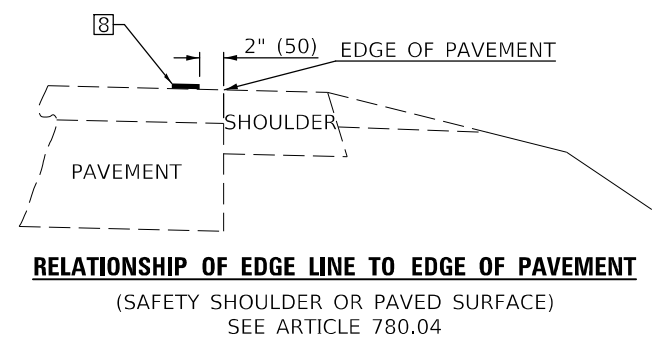
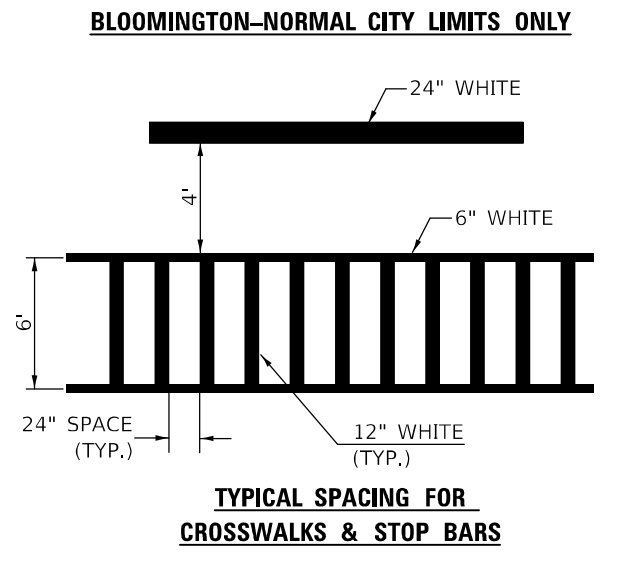
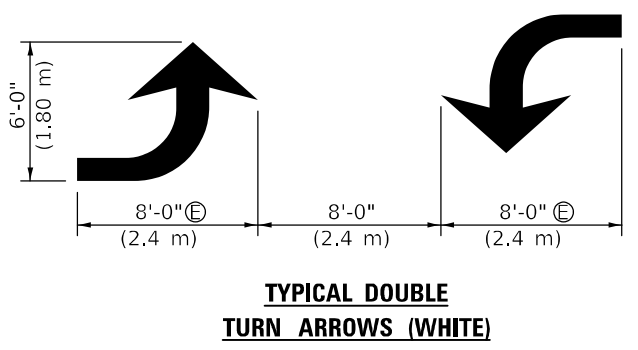
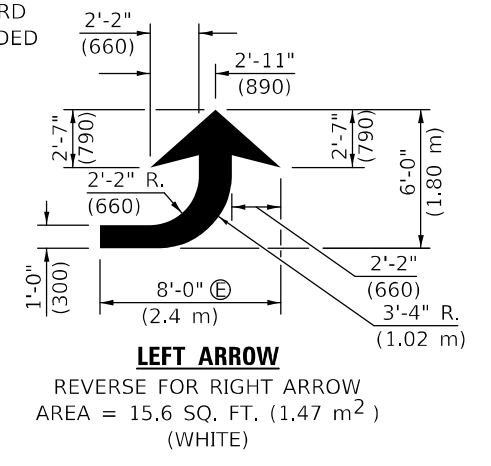


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS ① OR ⑦ SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



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

MODEL: I:\MODELS\MAF5 FILE: MAF5.DWG: P:\pub\cadd\paw_bentley.com\PIV\DOT\Documents\DOT_Offices\Dir\dr: S:\Project\10570866\CADD\data\CAD\Sheet\10570866-sh-detail.dwg

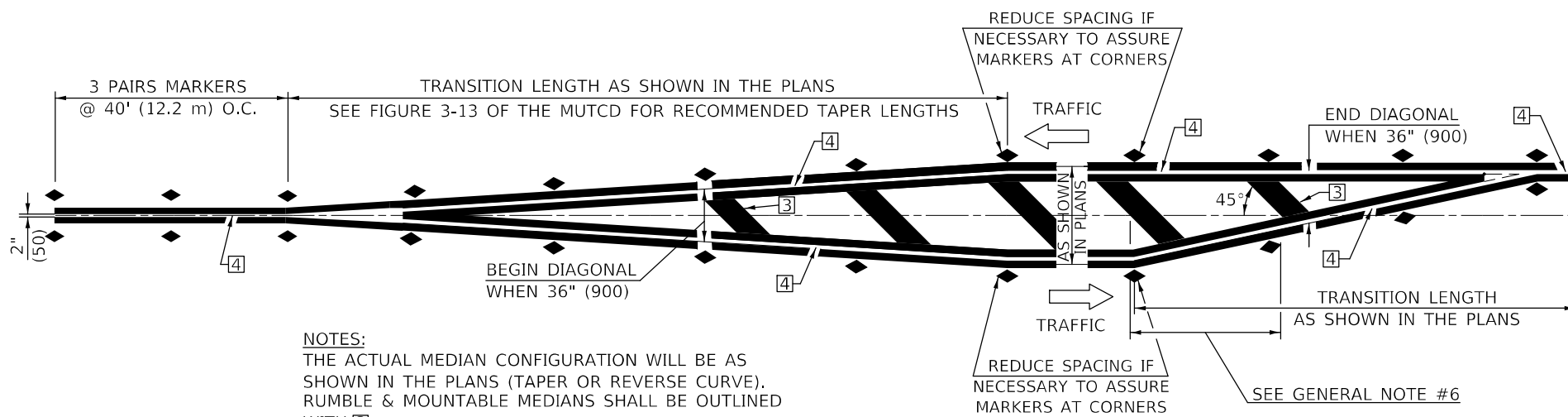
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PLOT DATE = 2/3/2023	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	56
			CONTRACT NO. 70E86	
ILLINOIS FED. AID PROJECT				

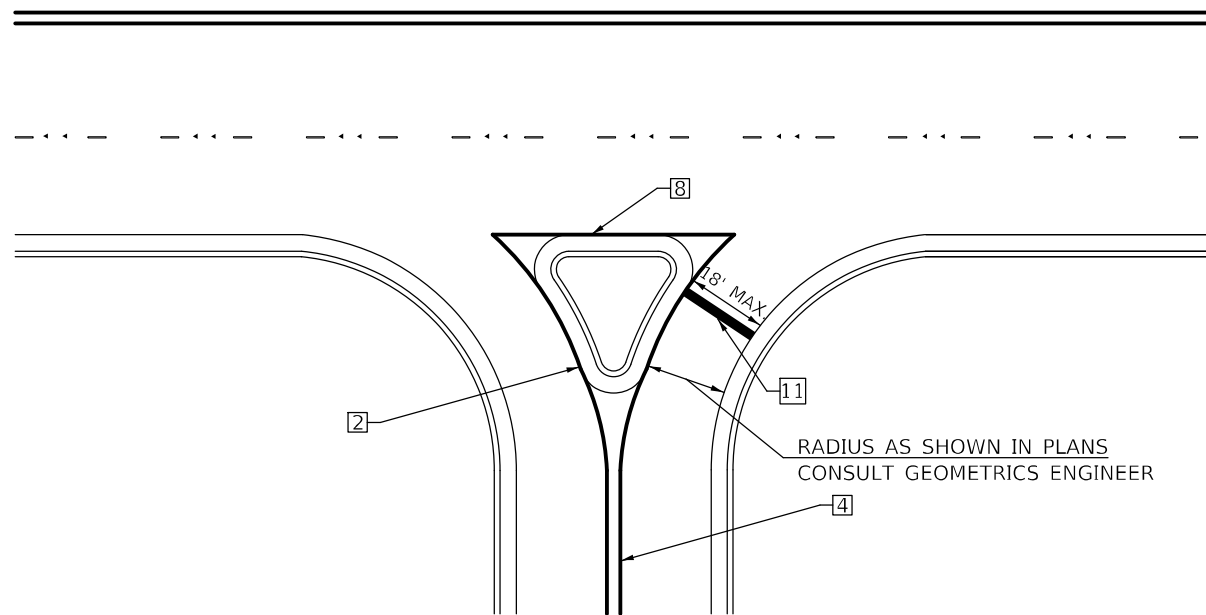


NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

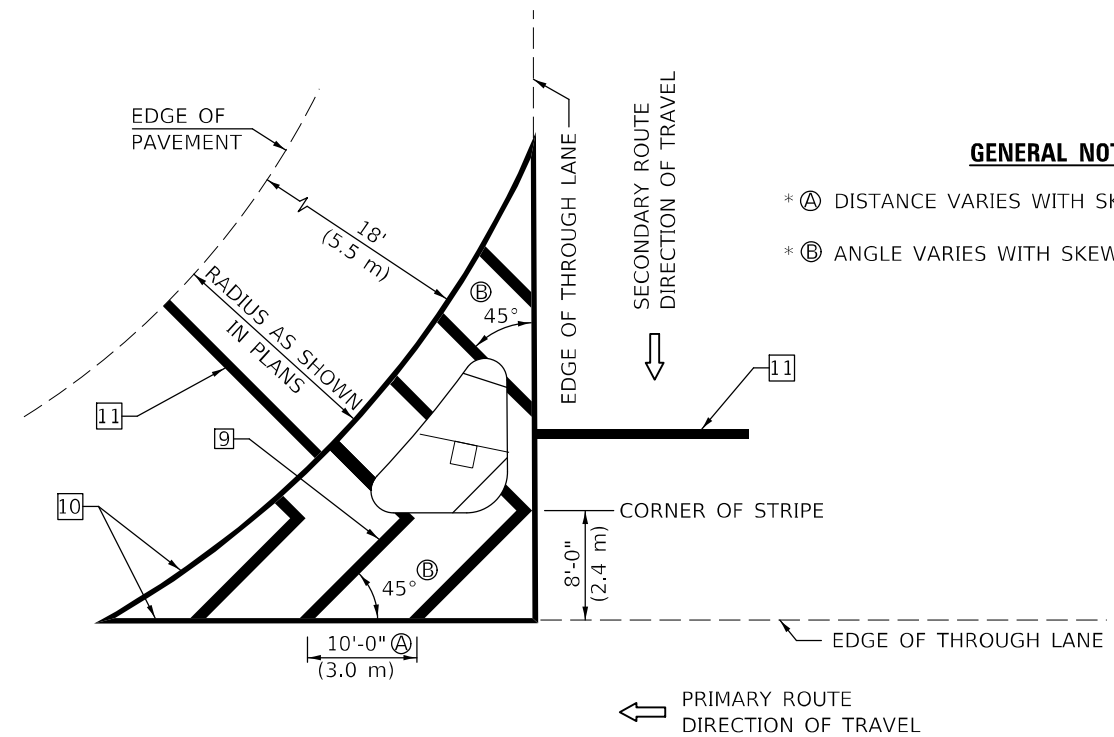
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
<30 MPH USE 15' (<50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
>45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

* FOR RIGHT TURN LANE AND ISLAND STRIPING CONSULT GEOMETRICS ENGINEER.

GENERAL NOTES

- * A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * B ANGLE VARIES WITH SKEW OF INTERSECTION.

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

DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME = david.jayne	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 2/3/2023	DATE -	REVISED - 9/2022 JWS

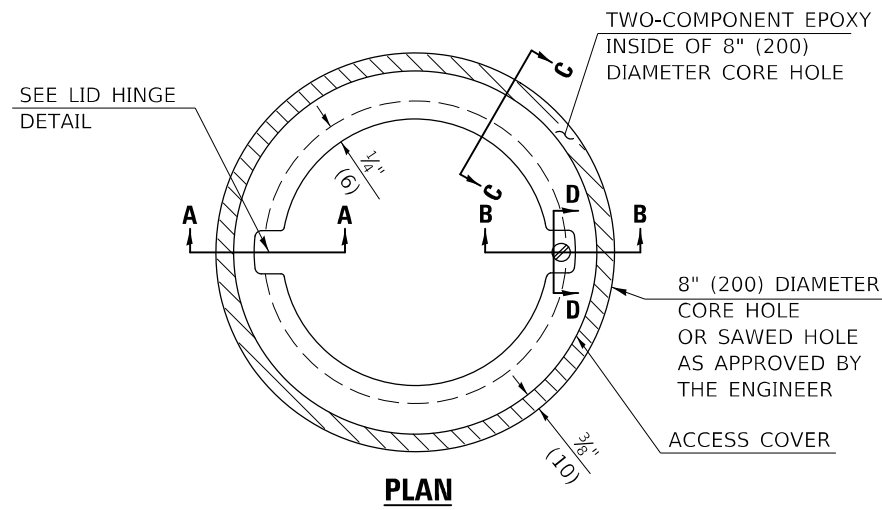
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	57
CONTRACT NO. 70E86				
ILLINOIS FED. AID PROJECT				

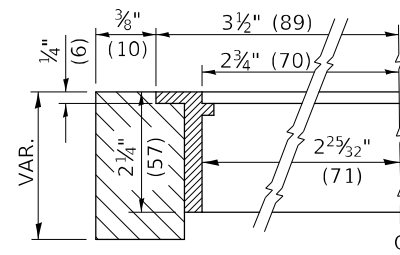
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT
FOR PRESERVING LAND SURVEY MONUMENTS (SECTION
OR SUBSECTION CORNERS)



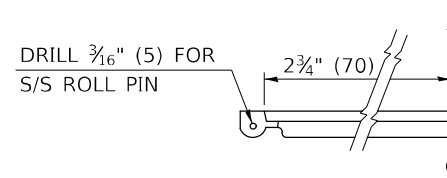
LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

T = THICKNESS OF PAVEMENT STRUCTURE
H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



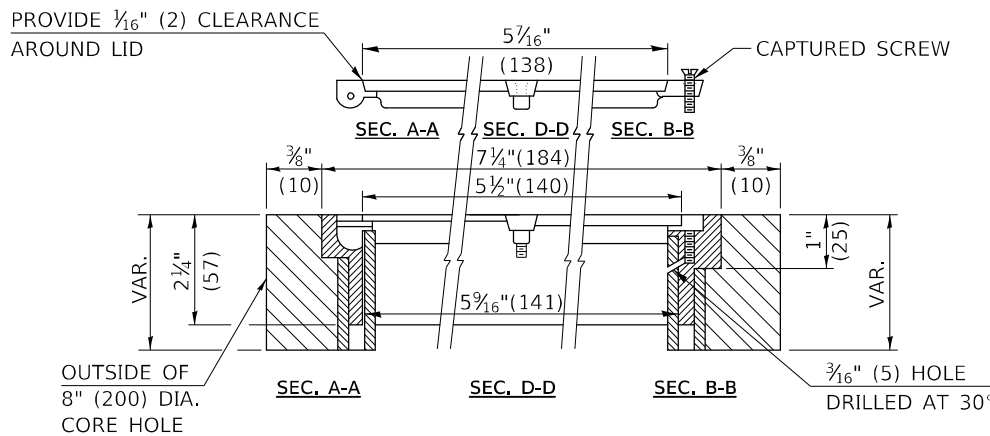
SECTION C-C



LID HINGE DETAIL

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).

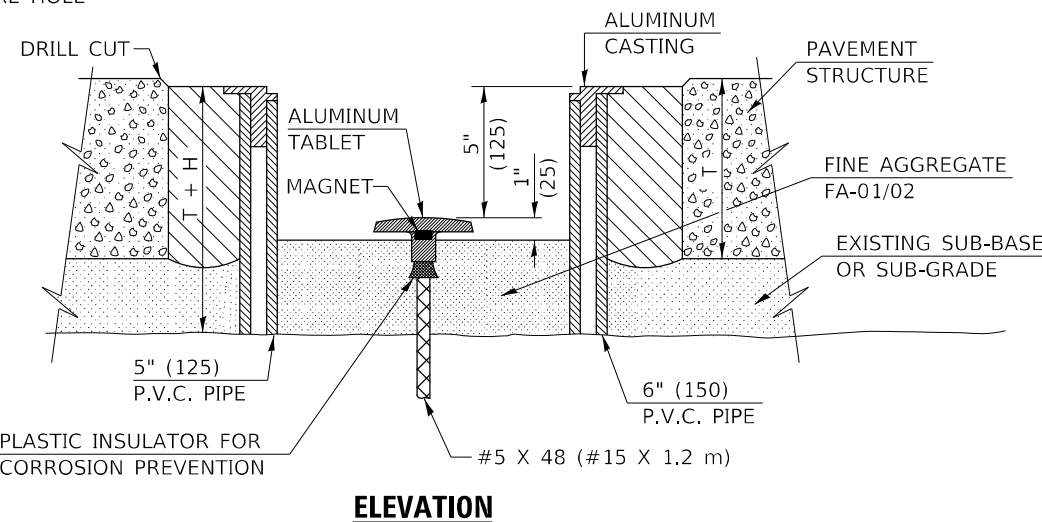


BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

GENERAL NOTES

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) | BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.



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

DISTRICT 5 DETAIL NO. X0301232

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PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 2/3/2023	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

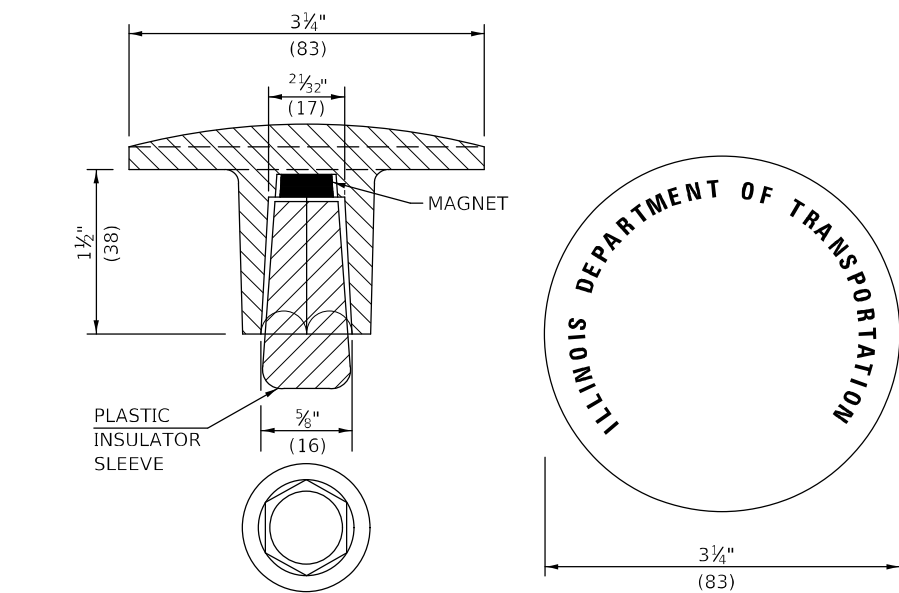
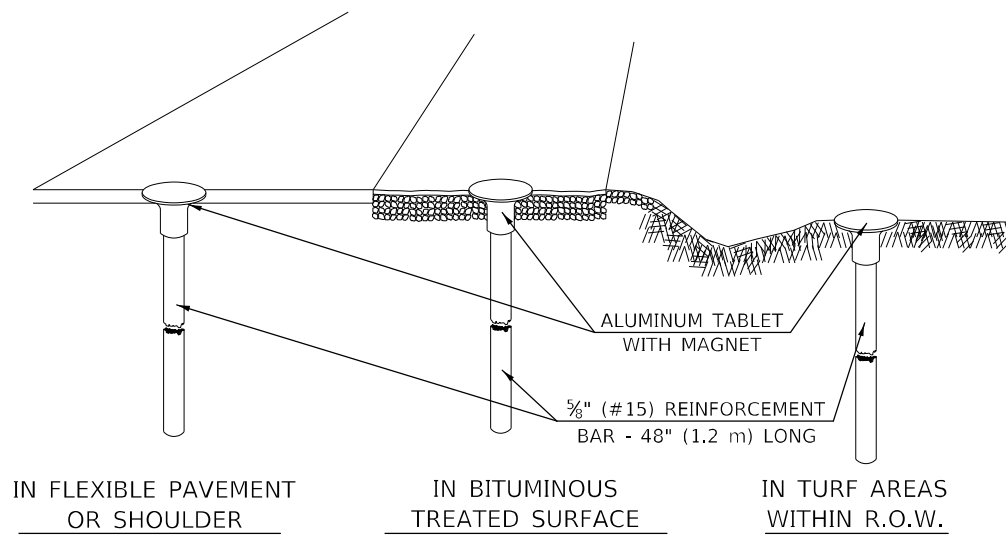
SURVEY MARKER VAULT

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	59
			CONTRACT NO. 70E86	
ILLINOIS FED. AID PROJECT				

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



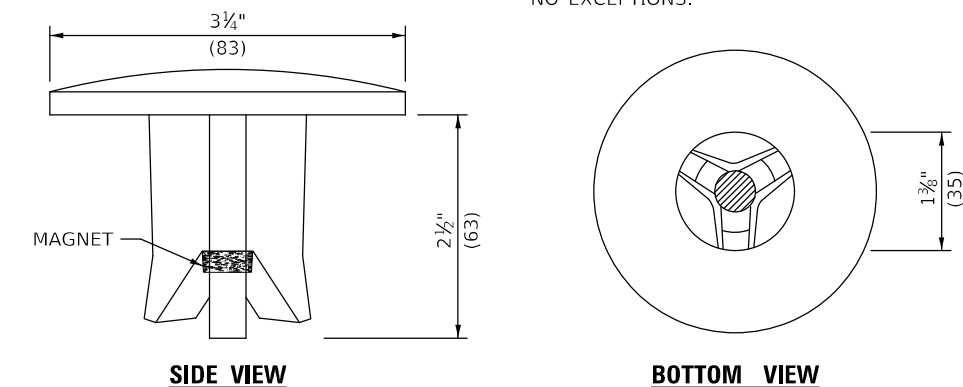
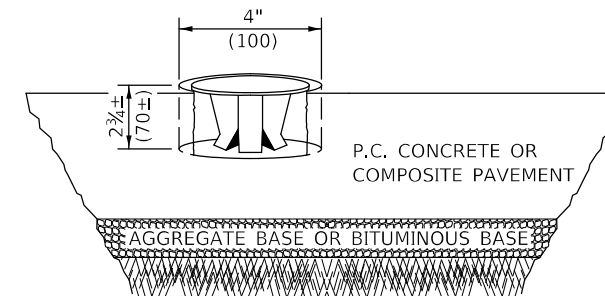
THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ±1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

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

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3 1/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

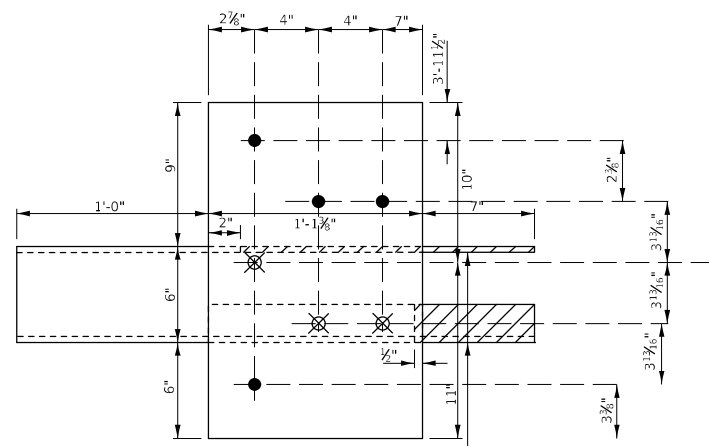
SCALE: NONE SHEET OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. XZ193AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)RS-4	MCLEAN	61	60
CONTRACT NO. 70E86			ILLINOIS FED. AID PROJECT	

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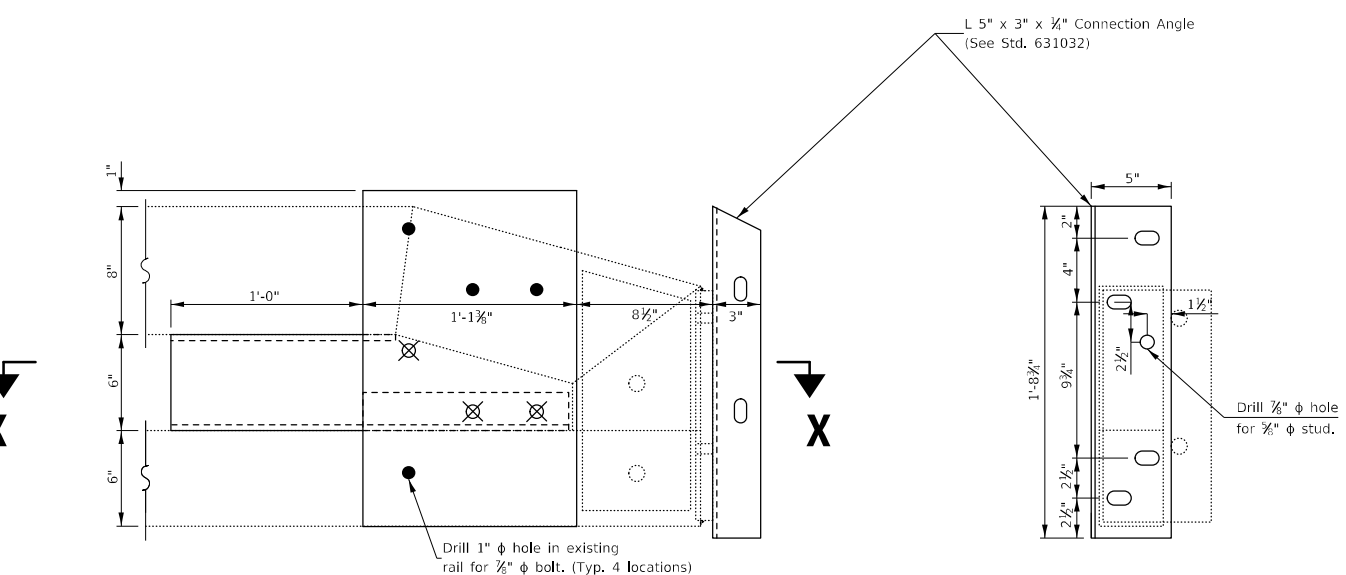
OPTION 1



Hatched portions of $\frac{5}{8}$ " Plate and L 4" x 4" x $\frac{5}{8}$ " shall be removed or omitted. If removed after galvanizing, the exposed bare metal shall be coated with an approved zinc rich paint.

GUARDRAIL CONNECTION PLATE ASSEMBLY

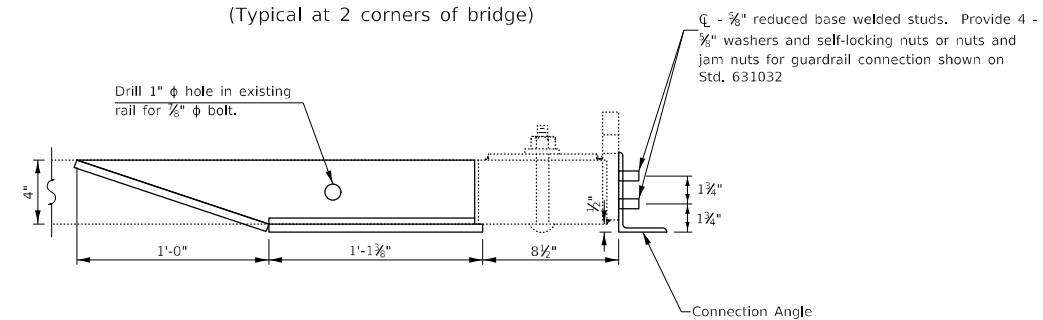
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END OF RAIL DETAILS

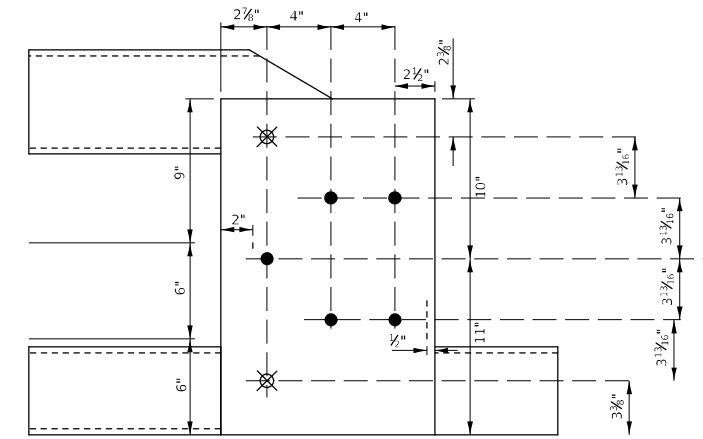
(Typical at 2 corners of bridge)

END VIEW



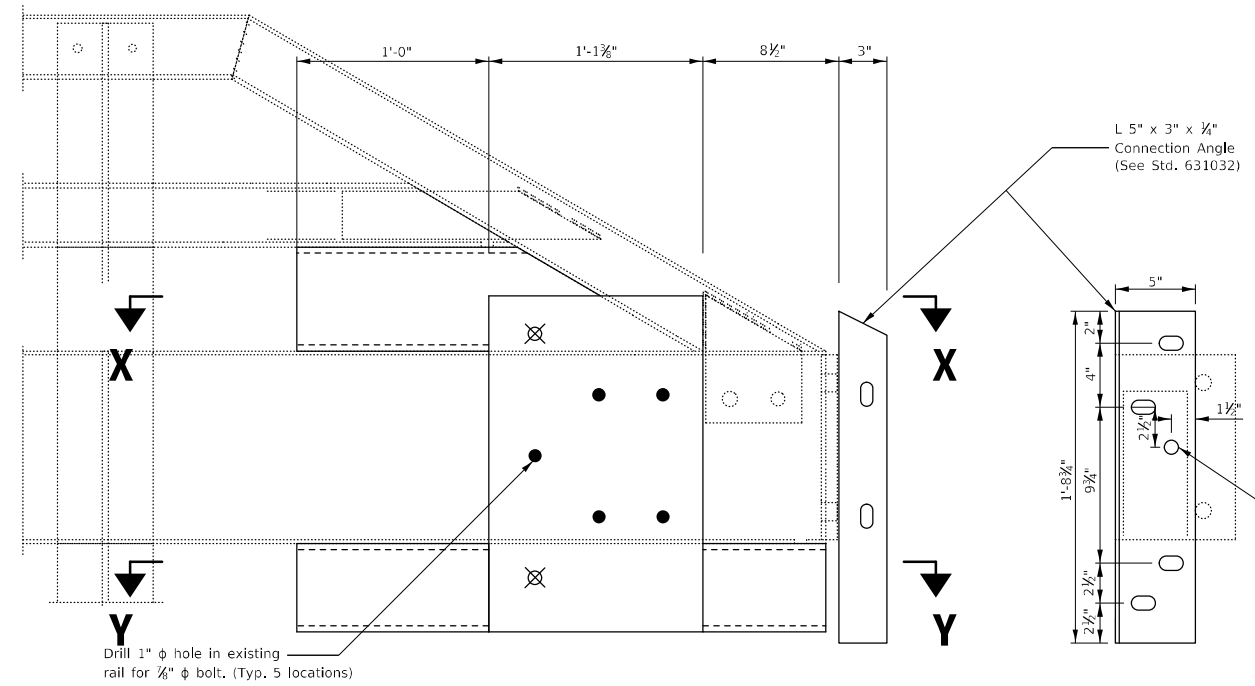
SECTION X-X

OPTION 2



GUARDRAIL CONNECTION PLATE ASSEMBLY

(Modified from Std. 631032)

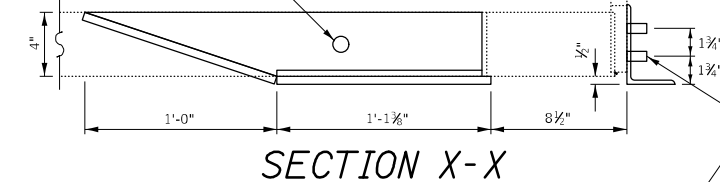


END OF RAIL DETAILS

(Typical at 2 corners of bridge)

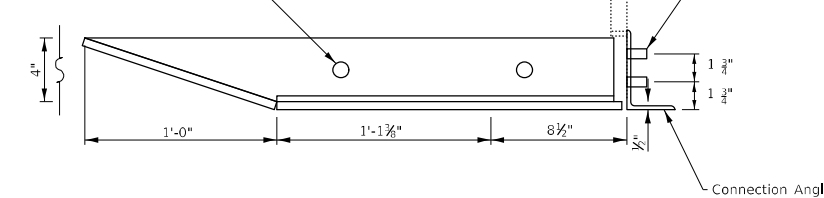
END VIEW

Drill 1" ϕ hole in existing rail for $\frac{1}{2}$ " ϕ bolt.



SECTION X-X

Drill 1" ϕ hole in existing rail for $\frac{1}{2}$ " ϕ bolt.



SECTION Y-Y

ϕ - $\frac{5}{8}$ " reduced base welded studs. Provide 4 - $\frac{5}{8}$ " washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC BARRIER TERMINAL TYPE 6A
(MODIFIED) MOUNTING DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R5-4	MCLEAN	61	61
CONTRACT NO. 70E86				

ILLINOIS FED. AID PROJECT