

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	1
		ILLINOIS	CONTRACT NO. 70E18	

** (18R-2)RS-2 & (16,17,18)RS-3

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NOS. 4-7

CURRENT TRAFFIC DATA

F.A.S. 1773	F.A.S. 1488		
	Leg "A"	Leg "B"	Leg "C"
2019 ADT =	1,150	750	1,200
P.V. % =	86.9	93.3	95.0
S.U. % =	6.1	4.0	3.3
M.U. % =	7.0	2.7	1.7
FUNCT CLASS	MAJOR COLLECTOR		
TRUCK RTE. =	NO	NO	NO
N.H.S. RTE. =	NO	NO	NO

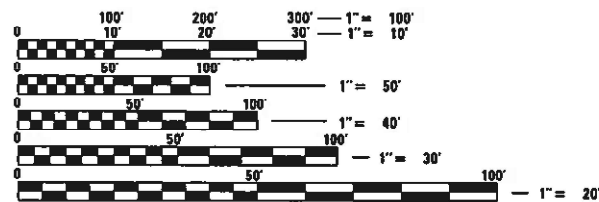
Leg "A" is F.A.S. 1773 from Logan County line to US 136.
Leg "B" is F.A.S. 1488 from Main St in McLean to F.A.S. 1487 / CH 36.
Leg "C" is F.A.S. 1488 from F.A.S. 1487 / CH 36 to Shirley.

DESIGN DESIGNATION

N/A

TOWNSHIPS

MOUNT HOPE, FUNK'S GROVE, DALE



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

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

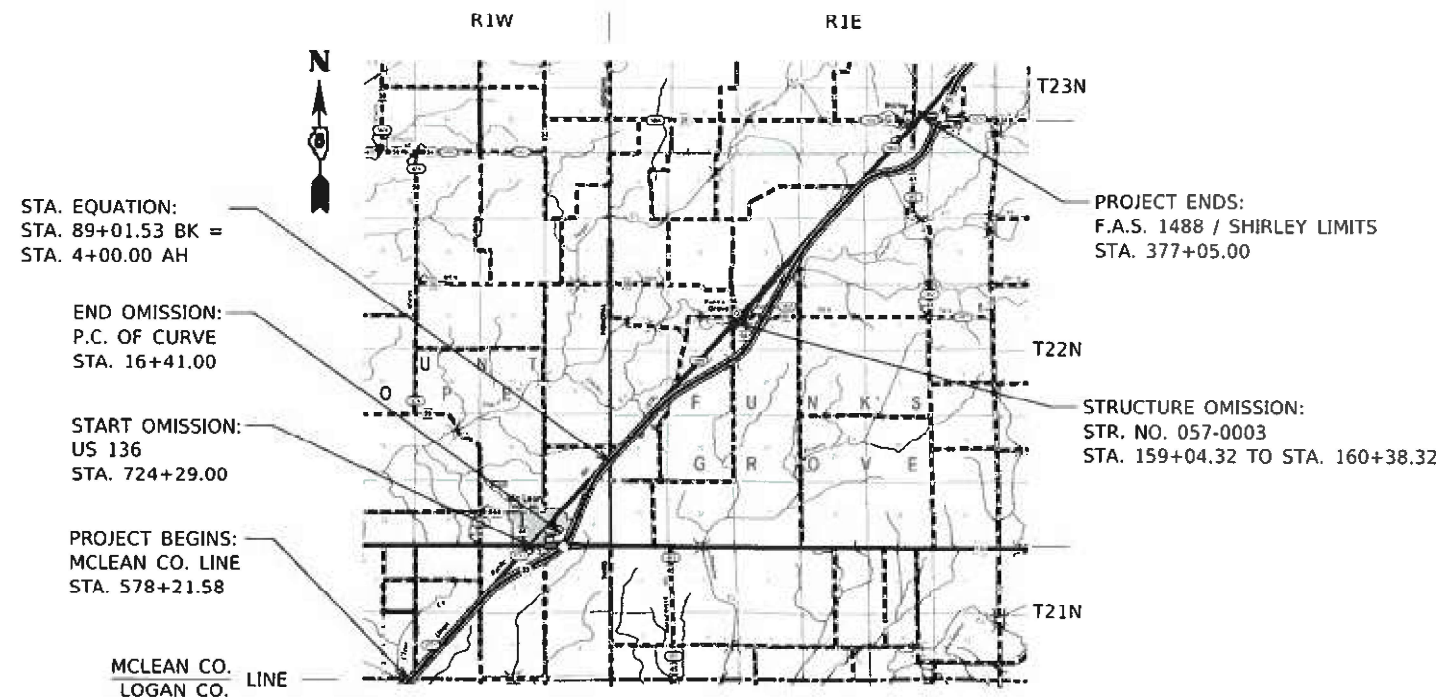
PROJECT ENGINEER: JASON STULTS, P.E.
SQUAD LEADER: JASON GOBLE
DESIGN ENGINEER: JASON GOBLE
PHONE NUMBER: (217) 465-4181
CONTRACT NO. 70E18

**PROPOSED
HIGHWAY PLANS**

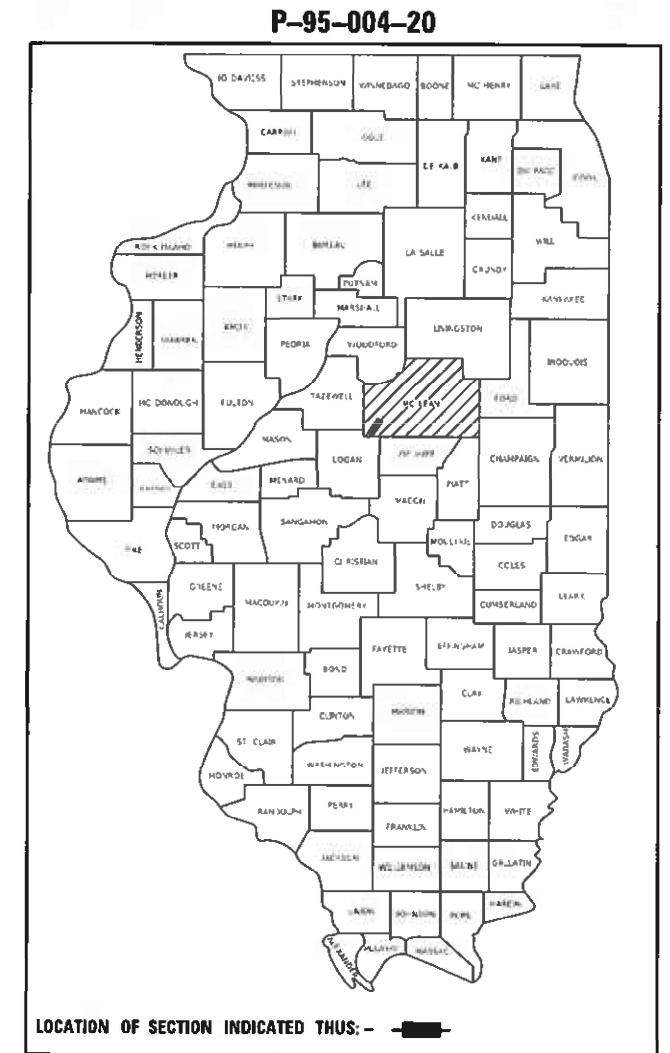
F.A.S. ROUTE 1773 & 1488 (OLD ROUTE 66)
SECTION (18R-2)RS-2 & (16,17,18)RS-3
PROJECT STP-RXJB(980)
3P - DESIGNED OVERLAY
MCLEAN COUNTY

C-95-015-20

LOGAN CO. LINE TO SHIRLEY



GROSS LENGTH = 50,671.42 FT. = 9.59 MILE
NET LENGTH = 50,537.42 FT. = 9.57 MILE



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 1/29 2021
Kensillu-Harnett sun
REGIONAL ENGINEER

March 19, 2021
Jason Stults
ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021
James J. Gu
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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67	SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

LIST OF HIGHWAY STANDARDS:

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" 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
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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.-403

BITUMINOUS SURFACE TREATMENTS: GRADATION CA-14 (MID SPEC.) IS ASSUMED FOR COVER COATS AND GRADATION CA-16 (MID-SPEC.) IS ASSUMED FOR SEAL COATS. THE AGGREGATE SHALL BE EITHER CRUSHED GRAVEL OR CARBONATE CRUSHED STONE AND SHALL BE CLASS C QUALITY OR BETTER. THE RESULTING TARGET APPLICATION RATES ARE AS FOLLOWS:

TYPE OF CONSTRUCTION	BITUMINOUS MATERIAL	APPLICATION RATE	AGGREGATE	APPLICATION RATE
TACK COAT (HARD SURFACE) *	Art. 406.02	0.1 GAL/SQ YD	FA-1 OR FA-2	3 LB/SQ YD
PRIME COAT (AGGREGATE SURFACE) *	MC-30 or PEP	0.25 GAL/SQ YD	FA-1 OR FA-2	4 LB/SQ YD
A-1	HFP/CRSP	0.35 GAL/SQ YD	CA-16	19 LB/SQ YD
A-2 (COVER COAT)	HFP/CRSP	0.32 GAL/SQ YD	CA-14	25 LB/SQ YD
A-2 (SEAL COAT)	HFP/CRSP	0.4 GAL/SQ YD	CA-16	19 LB/SQ YD
A-3 (1ST COVER COAT)	HFP/CRSP	0.32 GAL/SQ YD	CA-14	25 LB/SQ YD
A-3 (2ND COVER COAT)	HFP/CRSP	0.45 GAL/SQ YD	CA-14	25 LB/SQ YD
A-3 (SEAL COAT)	HFP/CRSP	0.35 GAL/SQ YD	CA-16	19 LB/SQ YD

* TO BE USED WITH A1, A2 AND A3 SEAL COATS

NOTE: THE ENGINEER RESERVES THE RIGHT TO ADJUST THE TARGET APPLICATION RATES AND THE QUANTITIES.

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

Location	Old Rt 66	Old Rt 66	Old Rt 66
Mixture Use	Binder, Class D Patch & Partial Depth Patch	Surface & Shoulder Surface	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
Mix Comp(Gradation)	IL 19.0	IL 9.5	IL 9.5
Friction Aggregate	N.A.	Mix C	Mix C
Mixture Weight	112	112	112
Quality Management Program	QC/QA	QCP	QC/QA
Sublot Size	N.A.	1000	N.A.

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	DRAWN -	REVISED -
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PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS
GENERAL NOTES**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	2
			CONTRACT NO. 70E18	
		ILLINOIS FED. AID PROJECT		

*(18R-2)RS-2 & (16,17,18)RS-3

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:

CH 300 E
FISHER ST
FUNKS 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), 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.

COMMITMENTS:

NO COMMITMENTS REQUIRED FOR THIS PROJECT.

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PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES (CONT.)
 COMMITMENTS**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	3
			CONTRACT NO. 70E18	
ILLINOIS FED. AID PROJECT				

** (18R-2)RS-2 & (16,17,18)RS-3

LOCATION OF WORK:

COUNTY:

FUNDING BREAKOUT:

CONSTRUCTION TYPE CODE:

FAS 1773 (OLD US 66)
 RURAL - 2 LANE
 MAJ. COLLECTOR
 STA. 578+21.58 TO STA. 724+29.00
 MCLEAN
 FEDERAL 80% / STATE 20%
 0005

FAS 1488 (OLD US 66)
 RURAL - 2 LANE
 MAJ. COLLECTOR
 STA. 16+41.00 TO STA. 377+05.00
 MCLEAN
 FEDERAL 80% / STATE 20%
 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
35800100	PREPARATION OF BASE	SQ YD	307.0	0.0	307.0
35800200	AGGREGATE BASE REPAIR	TON	22.0	0.0	22.0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	47.0	0.0	47.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	105,930.0	26,272.0	79,658.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	49.0	49.0	0.0
40600990	TEMPORARY RAMP	SQ YD	662.0	98.0	564.0
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	19,509.0	4,720.0	14,789.0
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	13,266.0	3,326.0	9,940.0
10800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	690.0	0.0	690.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	776.0	44.0	732.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	165.0	14.0	151.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1,017.0	711.0	306.0
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	117,375.0	0.0	117,375.0
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	16.0	16.0	0.0
* SPECIALTY ITEM					

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	4
CONTRACT NO. 70E18			ILLINOIS FED. AID PROJECT	

*(18R-2)RS-2 & (16,17,18)RS-3

LOCATION OF WORK:

COUNTY:

FUNDING BREAKOUT:

CONSTRUCTION TYPE CODE:

FAS 1773 (OLD US 66)	FAS 1488 (OLD US 66)
RURAL - 2 LANE	RURAL - 2 LANE
MAJ. COLLECTOR	MAJ. COLLECTOR
STA. 578+21.58 TO STA. 724+29.00	STA. 16+41.00 TO STA. 377+05.00
MCLEAN	MCLEAN
FEDERAL 80% / STATE 20%	FEDERAL 80% / STATE 20%
0005	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	661.0	661.0	0.0
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	216.0	216.0	0.0
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	560.0	560.0	0.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	4,722.0	2,304.0	2,418.0
67100100	MOBILIZATION	L SUM	1.0	0.3	0.7
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.3	0.7
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.3	0.7
70300100	SHORT TERM PAVEMENT MARKING	FOOT	19,606.0	4,378.0	15,228.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6,535.0	1,459.0	5,076.0
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	100.0	0.0	100.0
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	150,015.0	43,688.0	106,327.0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	165.0	0.0	165.0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	48.0	15.0	33.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	100.0	0.0	100.0
* SPECIALTY ITEM					

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PROJECT: ...

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	5
			CONTRACT NO. 70E18	
		ILLINOIS	FED. AID PROJECT	

*(18R-2)RS-2 & (16,17,18)RS-3

LOCATION OF WORK:

COUNTY:

FUNDING BREAKOUT:

CONSTRUCTION TYPE CODE:

FAS 1773 (OLD US 66)
 RURAL - 2 LANE
 MAJ. COLLECTOR
 STA. 578+21.58 TO STA. 724+29.00
 MCLEAN
 FEDERAL 80% / STATE 20%
 0005

FAS 1488 (OLD US 66)
 RURAL - 2 LANE
 MAJ. COLLECTOR
 STA. 16+41.00 TO STA. 377+05.00
 MCLEAN
 FEDERAL 80% / STATE 20%
 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	165.0	0.0	165.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	48.0	15.0	33.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	150,015.0	43,688.0	106,327.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	786.0	183.0	603.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	786.0	183.0	603.0
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	50,366.0	14,593.0	35,773.0
X0300010	BITUMINOUS MATERIALS (FOG SEAL)	POUND	144.0	144.0	0.0
X1500003	BITUMINOUS SURFACE TREATMENT, (PREVENTIVE MAINTENANCE), A-1	SQ YD	38,462.0	38,462.0	0.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	1,724.0	98.0	1,626.0
X4406260	PARTIAL DEPTH REMOVAL, TYPE II, 6"	SQ YD	890.0	890.0	0.0
X4421000	PARTIAL DEPTH PATCHING	TON	300.0	300.0	0.0
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	100.0	0.0	100.0
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	165.0	0.0	165.0
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	48.0	15.0	33.0
* SPECIALTY ITEM					

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PLOT DATE = 1/29/2021	DATE -	REVISED +

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

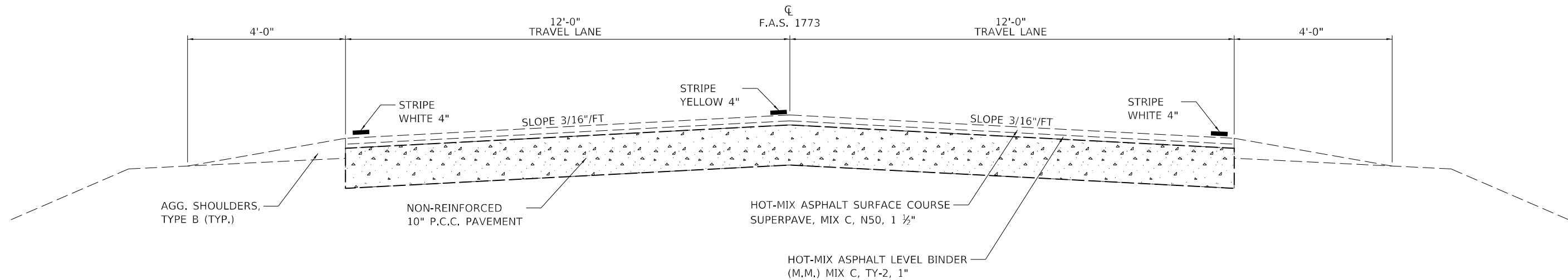
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	6
CONTRACT NO. 70E18			ILLINOIS FED. AID PROJECT	

(A) EXISTING TYPICAL CROSS SECTION

STATION TO STATION

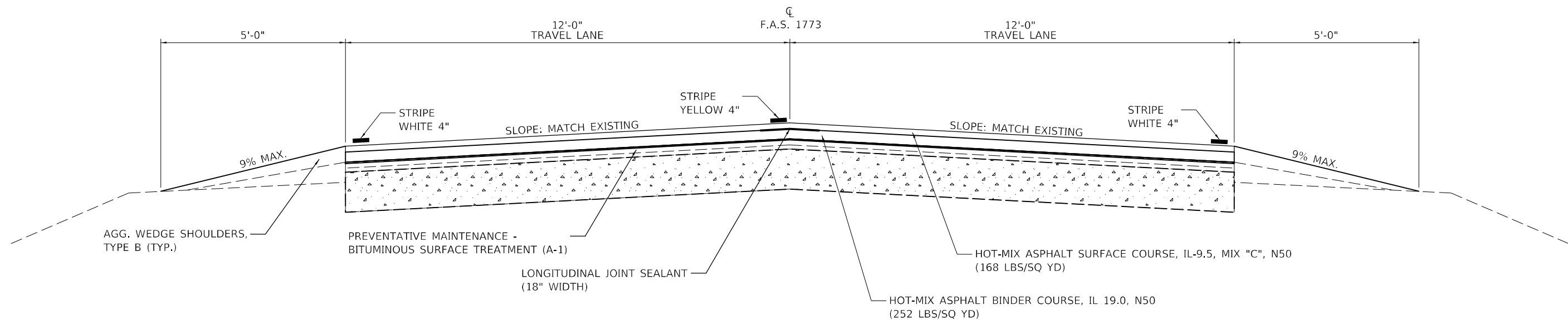
STA. 578+21.58 TO STA. 681+18.00 (B)



(1) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION

STA. 578+21.58 TO STA. 681+18.00 (2)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
FAS 1773**

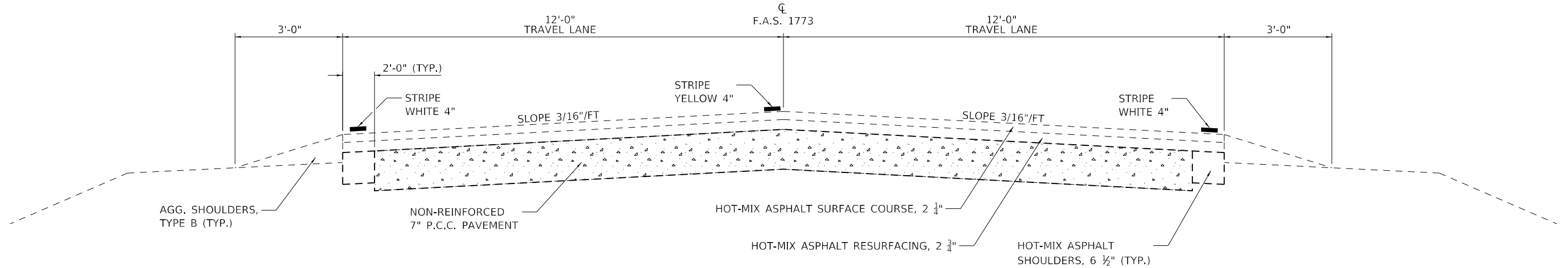
SCALE: N-T-S SHEET 1 OF 7 SHEETS STA. 578+21.58 TO STA. 681+18

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	8
**(18R-2)RS-2 & (16,17.18)RS-3 CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

(B) EXISTING TYPICAL CROSS SECTION

STATION TO STATION

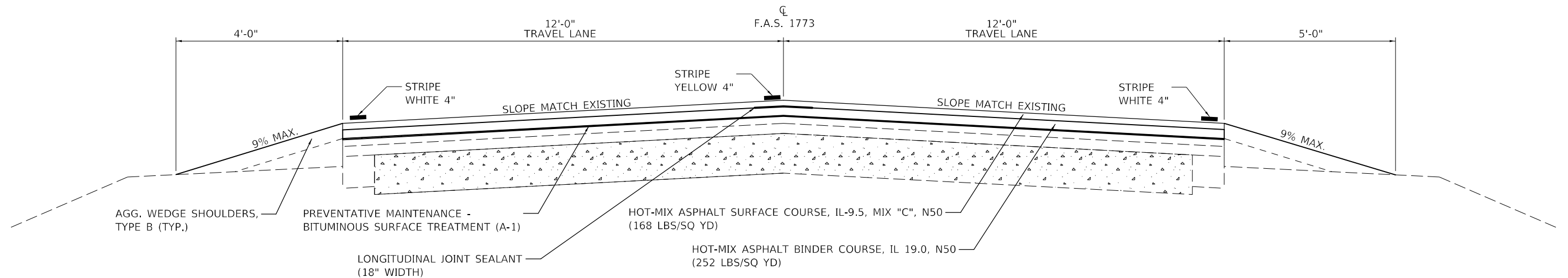
(A) STA. 681+18.00 TO STA. 718+66.00 (C)



(2) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION

(1) STA. 681+18.00 TO STA. 718+66.00 (3)



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
FAS 1773**

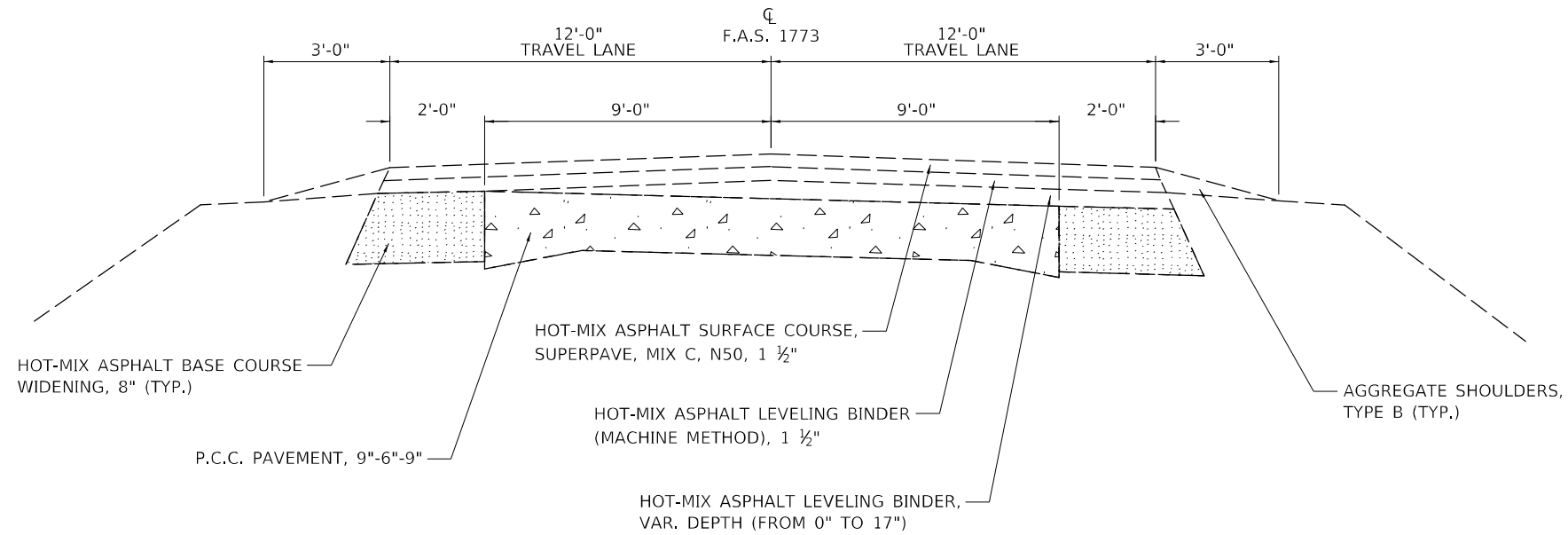
SCALE: N-T-S SHEET 2 OF 7 SHEETS STA. 681+18 TO STA. 718+66

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	9
**(18R-2)RS-2 & (16,17.18)RS-3				
CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

(C) EXISTING TYPICAL CROSS SECTION

STATION TO STATION

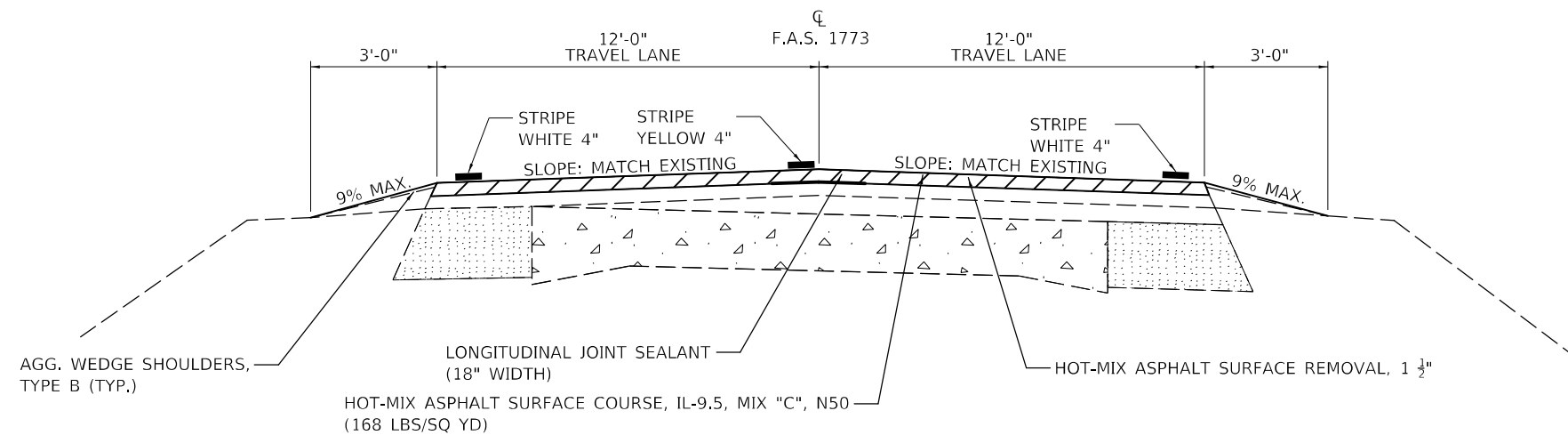
(B) STA. 718+66.00 TO STA. 724+29.00



(3) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION

(2) STA. 718+66.00 TO STA. 724+29.00



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 OFFICE: \\OFFICE\DATA\CAD\PROJECTS\70E18\PHC-Typical.dwg
 DATE: 1/29/2021

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
FAS 1773**

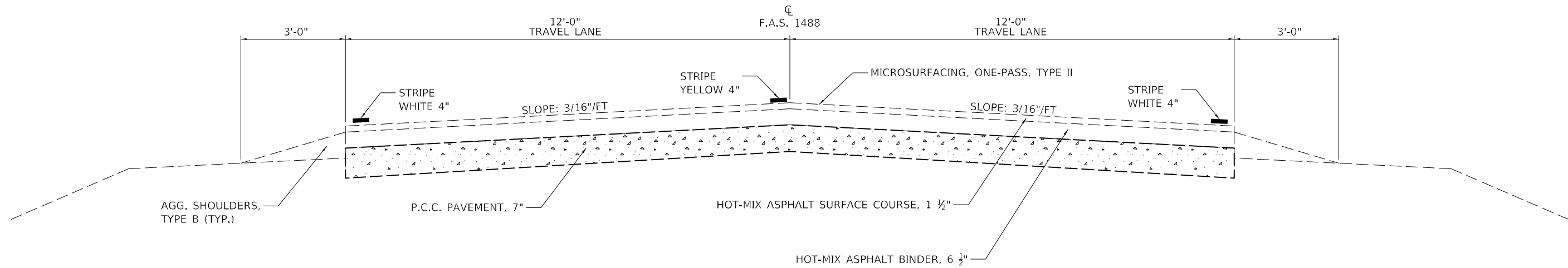
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	10
**(18R-2)RS-2 & (16,17,18)RS-3		CONTRACT NO. 70E18		
ILLINOIS FED. AID PROJECT				

④ EXISTING TYPICAL CROSS SECTION

STATION TO STATION

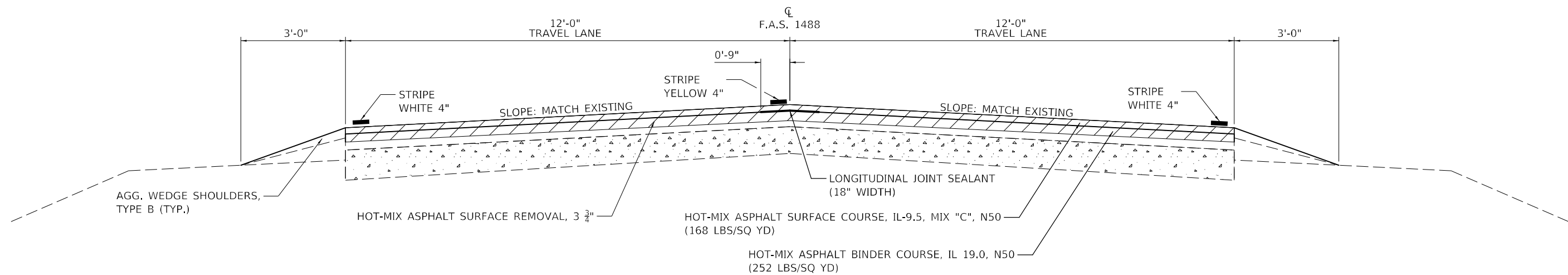
STA. 16+41.00 TO STA. 68+90.29 ⑤



④ PROPOSED TYPICAL CROSS SECTION

STATION TO STATION

STA. 16+41.00 TO STA. 68+90.29 ⑤



MODEL: \\MODEL\NAME
 FILE: \\NAME: \\path\to\file.dwg
 PROJECT: \\PROJECT\NAME
 OFFICE: \\OFFICE\NAME
 CONTRACT: \\CONTRACT\NAME
 SHEET: \\SHEET\NAME

USER NAME = goblejr	DESIGNED - JRG	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
FAS 1488**

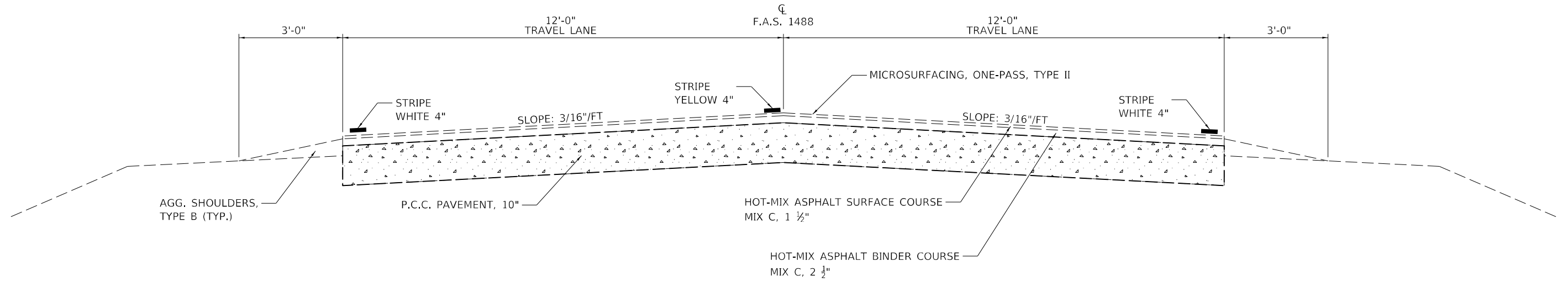
SCALE: N-T-S SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	11
**(18R-2)RS-2 & (16,17,18)RS-3 CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

(E) EXISTING TYPICAL CROSS SECTION

STATION TO STATION

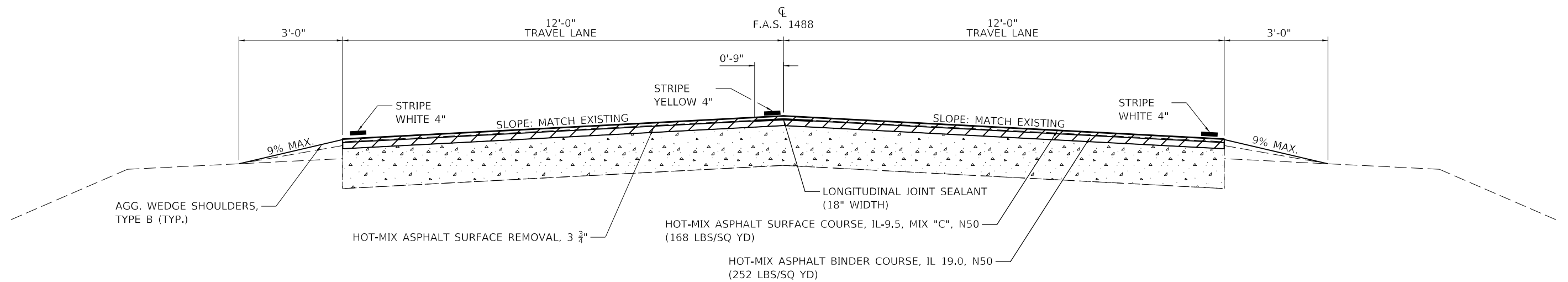
(D) STA. 68+90.29 TO STA. 89+01.53 BK
STA. 04+00.00 AH TO STA. 157+00.00 (F)



(5) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION

(4) STA. 68+90.29 TO STA. 89+01.53 BK
STA. 04+00.00 AH TO STA. 157+00.00 (6)



MODEL: \\MODEL\NAME: FILE: NAME: ...

USER NAME = goblejr	DESIGNED - JRG	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
FAS 1488**

SCALE: N-T-S SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	12
**(18R-2)RS-2 & (16,17,18)RS-3 CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

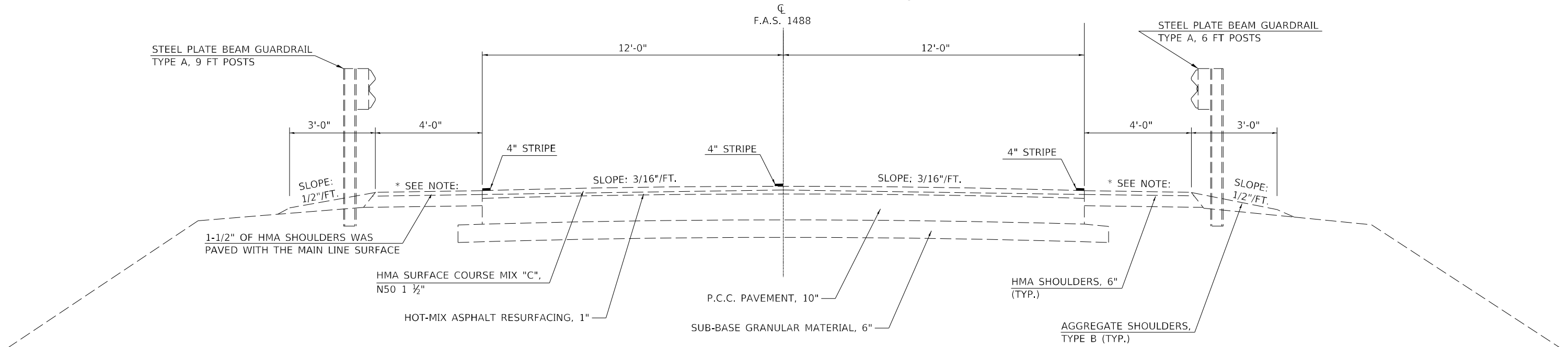
* NOTE:
SLOPE ON THE APPROACH PAVEMENT AND FLEXIBLE CONNECTOR ARE 3/4"/ FT. THE SLOPE VARIES FROM 3/4"/FT. TO 3/16"/FT. TO MATCH THE EXISTING PAVEMENT SLOPE AT THE END OF THIS TYPICAL SECTION LIMITS.

F EXISTING TYPICAL CROSS SECTION

STATION TO STATION

E STA. 157+00.00 TO STA. 158+75.00

STA. 160+67.00 TO STA. 162+50.00 G



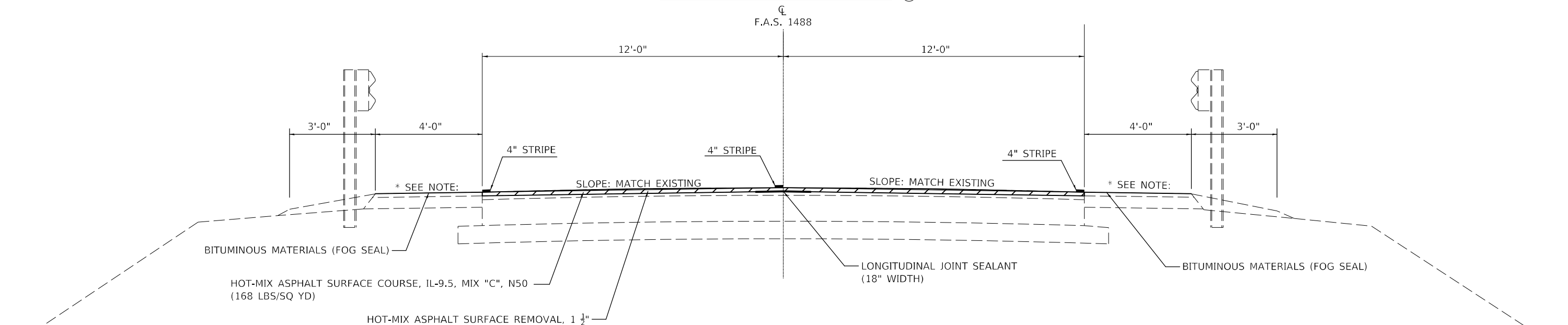
* NOTE:
SLOPE ON THE APPROACH PAVEMENT AND FLEXIBLE CONNECTOR ARE 3/4"/ FT. SLOPE PROPOSED SURFACE LIFT FROM 3/4"/FT. TO 3/16"/FT. TO MATCH THE EXISTING PAVEMENT SLOPE AT THE END OF TYPICAL SECTION LIMITS.

G PROPOSED TYPICAL CROSS SECTION

STATION TO STATION

E STA. 157+00.00 TO STA. 158+75.00

STA. 160+67.00 TO STA. 162+50.00 G



MODEL: \\MODEL\NAME: FILE: \\NAME: ...

USER NAME = goblejr	DESIGNED - JRG	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

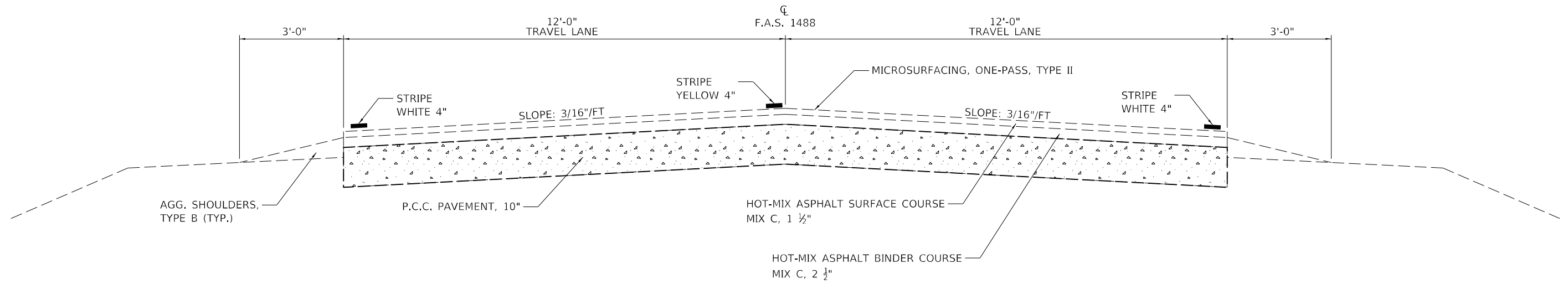
TYPICAL CROSS SECTIONS			
FAS 1488			
SCALE: N-T-S	SHEET 6	OF 7 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	13
**(18R-2)RS-2 & (16,17,18)RS-3				
CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

G EXISTING TYPICAL CROSS SECTION

STATION TO STATION

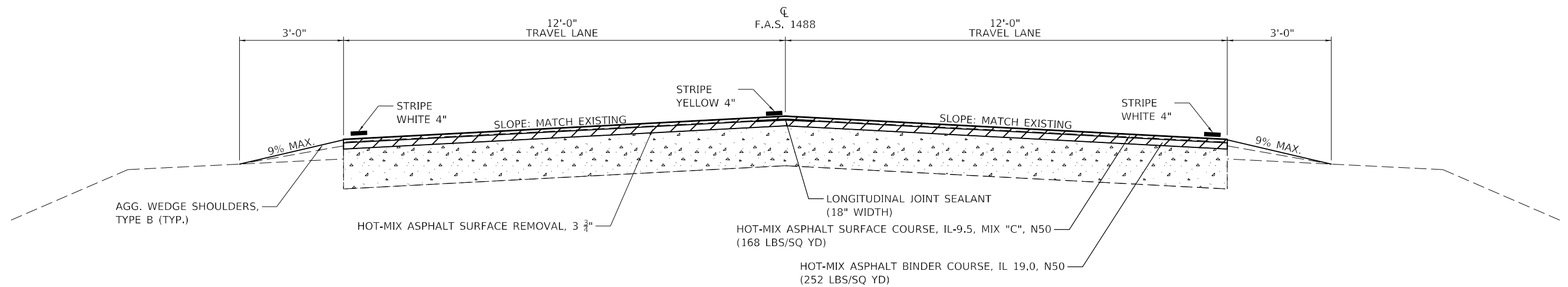
⑥ STA. 162+50.00 TO STA. 377+05.00



7 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION

⑥ STA. 162+50.00 TO STA. 377+05.00



MODEL: \\MODEL\NAME
 FILE NAME: \\FILE\NAME
 PROJECT: \\PROJECT\PROJECT
 OFFICE: \\OFFICE\OFFICE
 DRAWN: \\DRAWN\DRAWN
 CHECKED: \\CHECKED\CHECKED
 DATE: \\DATE\DATE

USER NAME = goblejr	DESIGNED - JRG	REVISED -
	DRAWN - JRG	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL CROSS SECTIONS
FAS 1488**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	14
**(18R-2)RS-2 & (16.17,18)RS-3 CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

40600990 TEMPORARY RAMP

LOCATION		STATION	TO	STATION	DROP (INCH)	LENGTH (FT)	WIDTH (FT)	QUANTITY (SQ YD)	CONSTRUCT AFTER
FAS 1773									
RT.	D.L. START	578+21.58		578+29.08	2.25	7.50	12.00	10.00	HMA BINDER
RT.	D.L. START	578+21.58		578+26.58	1.50	5.00	12.00	6.67	HMA SURFACE
LT.	D.L. START	578+21.58		578+29.08	2.25	7.50	12.00	10.00	HMA BINDER
LT.	D.L. START	578+21.58		578+26.58	1.50	5.00	12.00	6.67	HMA SURFACE
LT.	CH 300 E	586+40.00		587+25.50	2.25	2.00	85.50	19.00	HMA BINDER
RT.	D.L. END	722+44.70		722+52.20	2.25	7.50	7.50	6.25	HMA BINDER
RT.	D.L. END	722+44.70		722+49.70	1.50	5.00	5.00	2.78	HMA SURFACE
LT.	D.L. END	722+44.70		722+52.20	2.25	7.50	7.50	6.25	HMA BINDER
LT.	D.L. END	722+44.70		722+49.70	1.50	5.00	5.00	2.78	HMA SURFACE
LT. / RT.	US 136	724+28.90		724+28.90	1.50	2.00	123.00	27.33	MILLING
FAS 1773 TOTAL =								97.72	
FAS 1488									
LT.	D.L. START	16+41.00		16+53.50	3.75	12.50	12.50	17.36	MILLING
LT.	D.L. START	16+41.00		16+46.00	1.50	5.00	5.00	2.78	HMA BINDER
RT.	D.L. START	16+41.00		16+53.50	3.75	12.50	12.50	17.36	MILLING
RT.	D.L. START	16+41.00		16+46.00	1.50	5.00	5.00	2.78	HMA BINDER
LT.	16+66 PE	16+55.00		16+77.00	2.25	2.00	22.00	4.89	MILLING
LT.	18+37 PE	18+23.50		18+49.50	2.25	2.00	26.00	5.78	MILLING
LT.	MORGAN ST	19+18.00		19+70.00	2.25	2.00	52.00	11.56	MILLING
RT.	WOOD DR	19+52.00		20+10.00	2.25	2.00	58.00	12.89	MILLING
LT.	24+37 PE W/ MAILBOX	23+79.00		24+60.00	2.25	2.00	81.00	18.00	MILLING
LT.	FISHER ST	25+53.00		26+77.00	2.25	2.00	124.00	27.56	MILLING
LT.	MAILBOX TURNOUT	32+68.00		33+30.00	2.25	2.00	62.00	13.78	MILLING
LT.	MAILBOX TURNOUT	32+68.00		33+30.00	1.50	2.00	62.00	13.78	HMA BINDER
RT.	33+11 P.E.	32+95.00		33+24.00	2.25	2.00	29.00	6.44	MILLING
LT.	MAILBOX TURNOUT	64+65.00		65+19.00	2.25	2.00	54.00	12.00	MILLING
LT.	MAILBOX TURNOUT	64+65.00		65+19.00	1.50	2.00	54.00	12.00	HMA BINDER
RT.	64+89 P.E.	64+69.00		65+05.00	2.25	2.00	36.00	8.00	MILLING
LT.	MAILBOX TURNOUT	68+11.00		68+72.00	2.25	2.00	61.00	13.56	MILLING
LT.	MAILBOX TURNOUT	68+11.00		68+72.00	1.50	2.00	61.00	13.56	HMA BINDER
RT.	68+63 C.E.	68+44.00		68+83.00	2.25	2.00	39.00	8.67	MILLING
RT.	71+68 C.E.	71+31.00		72+05.00	2.25	2.00	74.00	16.44	MILLING
LT.	CO. HWY. 350 N.	20+15.00		21+40.00	2.25	2.00	125.00	27.78	MILLING
LT.	CO. HWY. 350 N.	20+15.00		21+40.00	1.50	2.00	125.00	27.78	HMA BINDER
RT.	138+45 P.E.	138+25.00		138+66.00	2.25	2.00	41.00	9.11	MILLING
LT. / RT.	157+00 BRIDGE APPRCH.	156+92.50		157+00.00	2.25	7.50	24.00	20.00	MILLING
LT. / RT.	157+00 BRIDGE APPRCH.	156+95.00		157+00.00	1.50	5.00	5.00	2.78	HMA BINDER
LT. / RT.	158+75 BRIDGE DECK	158+70.00		158+75.00	1.50	5.00	5.00	2.78	MILLING
LT. / RT.	160+67 BRIDGE DECK	160+67.00		160+72.00	1.50	5.00	5.00	2.78	MILLING
LT. / RT.	162+50 BRIDGE APPRCH.	162+50.00		162+57.50	2.25	7.50	7.50	6.25	MILLING
LT. / RT.	162+50 BRIDGE APPRCH.	162+50.00		162+55.00	1.50	5.00	5.00	2.78	HMA BINDER
LT.	167+54 FUNKS RD	167+00.00		168+00.00	2.25	2.00	100.00	22.22	MILLING
LT.	167+54 FUNKS RD	167+00.00		168+00.00	1.50	2.00	100.00	22.22	HMA BINDER
RT.	167+43 FUNKS RD	167+10.00		167+70.00	2.25	2.00	60.00	13.33	MILLING
RT.	167+43 FUNKS RD	167+10.00		167+70.00	1.50	2.00	60.00	13.33	HMA BINDER
RT.	222+67 P.E.	222+54.00		222+80.00	2.25	2.00	26.00	5.78	MILLING
LT.	MAILBOX TURNOUT	222+66.00		223+37.00	2.25	2.00	71.00	15.78	MILLING
LT.	MAILBOX TURNOUT	222+66.00		223+37.00	1.50	2.00	71.00	15.78	HMA BINDER
RT.	BIKE PATH X-ING	243+27.00		243+37.00	2.25	2.00	10.00	2.22	MILLING
RT.	BIKE PATH X-ING	243+27.00		243+37.00	1.50	2.00	10.00	2.22	HMA BINDER
LT.	BIKE PATH X-ING	243+36.00		243+46.00	2.25	2.00	10.00	2.22	MILLING
LT.	BIKE PATH X-ING	243+36.00		243+46.00	1.50	2.00	10.00	2.22	HMA BINDER
LT.	307+97 E 750TH NORTH RD	307+34.00		308+18.00	2.25	2.00	84.00	18.67	MILLING
LT.	BIKE PATH X-ING	307+33.00		307+43.00	1.50	2.00	10.00	2.22	MILLING
LT.	BIKE PATH X-ING	308+01.00		308+16.00	1.50	2.00	15.00	3.33	MILLING
RT.	320+07 C.E.	319+80.00		320+34.00	2.25	2.00	54.00	12.00	MILLING
LT.	BIKE PATH X-ING	322+06.00		322+16.00	2.25	2.00	10.00	2.22	MILLING
LT.	BIKE PATH X-ING	322+06.00		322+16.00	1.50	2.00	10.00	2.22	HMA BINDER
RT.	BIKE PATH X-ING	322+13.00		322+33.00	2.25	2.00	20.00	4.44	MILLING
RT.	BIKE PATH X-ING	322+13.00		322+33.00	1.50	2.00	20.00	4.44	HMA BINDER
LT.	MAILBOX TURNOUT	360+25.00		360+96.00	2.25	2.00	71.00	15.78	MILLING
LT.	MAILBOX TURNOUT	360+25.00		360+96.00	1.50	2.00	71.00	15.78	HMA BINDER
RT.	360+45 P.E.	360+32.00		360+61.00	2.25	2.00	29.00	6.44	MILLING
RT.	D.L. END	376+97.50		377+05.00	2.25	7.50	7.50	6.25	MILLING
RT.	D.L. END	377+00.00		377+05.00	1.50	5.00	5.00	2.78	HMA BINDER
LT.	D.L. END	376+97.50		377+05.00	2.25	7.50	7.50	6.25	MILLING
LT.	D.L. END	377+00.00		377+05.00	1.50	5.00	5.00	2.78	HMA BINDER
FAS 1488 TOTAL =								564.14	
TOTAL =								661.86	
USE =								662.00	
SQ YD									

TAPER RATE = 1:40 FOR MAINLINE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	15
CONTRACT NO. 70E18				

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

MODEL: I:\MODEL\MHFE
 FILE: MHFE_1773.dwg
 PROJECT: 40600990
 DATE: 1/29/2021

44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

							44000155
LOCATION	STATION	TO	STATION	LENGTH (FT)	PAVEMENT WIDTH (FT)	QUANTITY (SQ YD)	
FAS 1773							
LT. MAINLINE	722+45.00		724+29.00	184.0	16.0	367.00	
RT. MAINLINE	722+45.00		724+29.00	184.0	19.0	344.00	
FAS 1773 TOTAL =						711.00	
FAS 1488							
RT. MAINLINE	20+37.00		21+20.00	83.0	4.5	41.50	
RT. MAINLINE	40+95.00		41+98.00	103.0	8.0	91.56	
RT. MAINLINE	59+72.00		60+46.00	74.0	9.0	74.00	
RT. MAINLINE	242+53.00		243+27.00	74.0	12.0	98.67	
FAS 1488 TOTAL =						305.72	
TOTAL =						1016.72	
USE =						1017.00	
						SQ YD	

44000164 HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"

							44000164
LOCATION	STATION	TO	STATION	LENGTH (FT)	PAVEMENT WIDTH (FT)	QUANTITY (SQ YD)	
FAS 1488							
LT. MAINLINE	16+41.00	*	89+01.53	7260.5	12.0	9680.71	
LT. MAINLINE	4+00.00	*	157+00.00	15300.00	12.0	20400.00	
LT. MAINLINE	162+50.00		377+05.00	21455.0	12.0	28606.67	
RT. MAINLINE	16+41.00	*	89+01.53	7260.5	12.0	9680.71	
RT. MAINLINE	4+00.00	*	157+00.00	15300.0	12.0	20400.00	
RT. MAINLINE	162+50.00		377+05.00	21455.0	12.0	28606.67	
FAS 1488 TOTAL =						117374.75	
TOTAL =						117374.75	
USE =						117375.00	
						SQ YD	

* INDICATES STATION EQUATION

PATCHING SCHEDULE

MAINLINE			TYPICAL SECTION NO.				44201789	44201803	44201807	44201809	X4406260	X4421000
STATION	SIZE (FOOT)		AREA (SQ YD)	TY II	TY III	TY IV	CLASS D, 12 INCH	CLASS D, 13 INCH		PART DEP REM T2 6	PARTIAL DEPTH PATCH	
	LENGTH	WIDTH					TY II	TY III	TY IV	QUANTITY	QUANTITY	
							SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON
FAS 1773												
RT STA 579+00	75	x 12	100	1						100.0		
RT STA 579+77	6	x 12	8	1			8.0					
RT STA 580+77	6	x 12	8	1			8.0					
RT STA 581+77	6	x 12	8	1			8.0					
RT STA 582+25	6	x 12	8	1			8.0					
RT STA 582+80	6	x 12	8	1			8.0					
RT STA 583+50	6	x 12	8	1			8.0					
RT STA 583+78	6	x 12	8	1			8.0					
* RT STA 584+50	4	x 12	5	1						5.0		1.7
* RT STA 584+63	8	x 12	11	1			11.0			11.0		3.7
RT STA 585+57	8	x 12	11	1			11.0					
RT STA 585+88	6	x 12	8	1			8.0					
RT STA 586+30	6	x 12	8	1			8.0					
* RT STA 586+50	350	x 4	156	1						156.0		52.4
RT STA 586+75	15	x 12	20	1				20.0				
RT STA 587+82	8	x 12	11	1			11.0					
RT STA 591+90	25	x 12	33	1						33.0		
RT STA 593+84	30	x 12	40	1						40.0		
RT STA 595+50	100	x 12	133	1						133.0		
RT STA 595+60	30	x 6	20	1				20.0				
* RT STA 599+95	100	x 12	133	1						133.0		44.7
RT STA 602+75	10	x 12	13	1			13.0					
RT STA 604+90	6	x 12	8	1			8.0					
RT STA 607+91	10	x 12	13	1			13.0					
RT STA 609+91	20	x 12	27	1					27.0			
RT STA 610+92	15	x 12	20	1				20.0				
RT STA 611+88	8	x 12	11	1			11.0					
RT STA 618+00	8	x 12	11	1			11.0					
RT STA 620+00	15	x 12	20	1				20.0				
RT STA 624+00	15	x 12	20	1				20.0				
* RT STA 624+20	30	x 4	13	1						13.0		4.4
SUB-TOTAL 1=							0.0	161.0	100.0	333.0	318.0	106.8
USE =								161.0	100.0	333.0	318.0	107.0
							SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON

* DENOTES CENTERLINE

MODEL: I:\MODEL\NAMES
 FILE: NAME: I:\Model\Name.dwg
 PROJECT: I:\Model\Name.dwg
 USER: JRG
 DATE: 1/29/2021

USER NAME = goblejr	DESIGNED - JRG	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	18
CONTRACT NO. 70E18				

ILLINOIS FED. AID PROJECT

PATCHING SCHEDULE (CONT.)

MAINLINE				TYPICAL SECTION NO.	44201789	44201803	44201807	44201809	X4406260	X4421000	
STATION	SIZE (FOOT)		AREA (SQ YD)		CLASS D, 12 INCH		CLASS D, 13 INCH		PART DEP REM T2 6	PARTIAL DEPTH PATCH	
	LENGTH	WIDTH			TY II	TY III	TY IV	QUANTITY	QUANTITY		
				SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON		
RT STA 625+00	12	x 12	16			16.0					
* RT STA 629+20	20	x 4	9	1				9.0	3.0		
* RT STA 631+15	25	x 4	11	1				11.0	3.7		
RT STA 632+60	10	x 12	13	1		13.0					
RT STA 636+10	20	x 12	27	1			27.0				
RT STA 636+30	75	x 12	100	1				100.0	33.6		
RT STA 646+20	15	x 12	20	1		20.0			0.0		
* RT STA 647+61	50	x 4	22	1				22.0	7.4		
RT STA 650+23	10	x 12	13	1		13.0					
RT STA 651+23	8	x 12	11	1		11.0					
RT STA 652+25	15	x 12	20	1		20.0					
* RT STA 652+30	30	x 4	13	1				13.0	4.4		
RT STA 655+25	10	x 12	13	1		13.0					
RT STA 656+25	6	x 12	8	1		8.0					
RT STA 660+29	4	x 12	5	1		5.0					
RT STA 663+29	6	x 12	8	1		8.0					
RT STA 665+35	6	x 12	8	1		8.0					
RT STA 667+35	15	x 12	20	1			20.0				
RT STA 670+35	10	x 12	13	1		13.0					
RT STA 671+38	8	x 12	11	1		11.0					
RT STA 673+36	10	x 12	13	1		13.0					
RT STA 675+41	10	x 12	13	1		13.0					
RT STA 676+42	8	x 12	11	1		11.0					
RT STA 685+08	6	x 12	8	2		8.0					
LT STA 685+08	6	x 12	8	2		8.0					
* DENOTES CENTERLINE					SUB-TOTAL 2=	16.0	140.0	76.0	27.0	155.0	52.1
					USE =	16.0	140.0	76.0	27.0	155.0	52.0
						SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON

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PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE:	SHEET 5 OF 10 SHEETS	STA.	TO STA.	F.A.S. RTE. 1773	SECTION **	COUNTY MCLEAN	TOTAL SHEETS 60	SHEET NO. 19
				CONTRACT NO. 70E18				
				ILLINOIS FED. AID PROJECT				

**(18R-2)RS-2 & (16,17,18)RS-3

PATCHING SCHEDULE (CONT.)

MAINLINE				TYPICAL SECTION NO.	44201789	44201803	44201807	44201809	X4406260	X4421000	
STATION	SIZE (FOOT)		AREA (SQ YD)		CLASS D, 12 INCH	CLASS D, 13 INCH				PART DEP REM T2 6	PARTIAL DEPTH PATCH
	LENGTH	WIDTH			TY II	TY II	TY III	TY IV	QUANTITY	QUANTITY	
					SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	
LT STA 677+36	6	x 12	8	1		8.0					
LT STA 676+42	6	x 12	8	1		8.0					
LT STA 675+41	8	x 12	11	1		11.0					
LT STA 673+36	6	x 12	8	1		8.0					
LT STA 671+38	6	x 12	8	1		8.0					
LT STA 670+35	6	x 12	8	1		8.0					
LT STA 667+36	6	x 12	8	1		8.0					
LT STA 665+35	6	x 12	8	1		8.0					
LT STA 663+29	6	x 12	8	1		8.0					
LT STA 661+28	8	x 12	11	1		11.0					
LT STA 660+29	6	x 12	8	1		8.0					
LT STA 657+50	140	x 4	62	1				62.0		20.8	
LT STA 656+25	20	x 12	27	1			27.0				
LT STA 655+25	10	x 12	13	1		13.0					
LT STA 654+25	6	x 12	8	1		8.0					
LT STA 651+23	6	x 12	8	1		8.0					
LT STA 647+61	6	x 12	8	1		8.0					
LT STA 646+20	8	x 12	11	1		11.0					
LT STA 636+10	6	x 12	8	1		8.0					
LT STA 635+12	10	x 12	13	1		13.0					
LT STA 633+08	6	x 12	8	1		8.0					
LT STA 632+60	25	x 12	33	1			33.0				
LT STA 632+07	10	x 12	13	1		13.0					
* LT STA 631+15	100	x 4	44	1				44.0		14.8	
LT STA 631+06	10	x 12	13	1		13.0					
LT STA 630+06	10	x 12	13	1		13.0					
LT STA 625+00	25	x 12	33	1			33.0				
LT STA 624+00	100	x 12	133	1				133.0		44.7	
LT STA 623+00	6	x 12	8	1		8.0					
LT STA 622+50	80	x 12	107	1				107.0		36.0	
LT STA 622+00	10	x 12	13	1		13.0					
LT STA 621+10	50	x 12	67	1				67.0		22.5	
LT STA 620+00	15	x 12	20	1			20.0				
LT STA 618+00	8	x 12	11	1		11.0					
LT STA 617+00	6	x 12	8	1		8.0					
LT STA 614+92	8	x 12	11	1		11.0					
* DENOTES CENTERLINE				SUB-TOTAL 3=	0.0	261.0	20.0	93.0	413.0	138.8	
				USE =		261.0	20.0	93.0	413.0	139.0	
					SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	

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 OFFICE: ...
 DATE: 1/29/2021

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PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES			
SCALE:	SHEET 6	OF 10 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	20
CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

*(18R-2)RS-2 & (16,17,18)RS-3

PATCHING SCHEDULE (CONT.)

MAINLINE				TYPICAL SECTION NO.	44201789	44201803	44201807	44201809	X4406260	X4421000	
STATION	SIZE (FOOT)		AREA (SQ YD)		CLASS D, 12 INCH	CLASS D, 13 INCH			PART DEP REM T2 6	PARTIAL DEPTH PATCH	
	LENGTH	WIDTH			TY II	TY II	TY III	TY IV	QUANTITY	QUANTITY	
					SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON	
LT STA 613+93	10	x 12	13	1		13.0					
LT STA 611+88	6	x 12	8	1		8.0					
LT STA 610+92	15	x 12	20	1			20.0				
LT STA 609+91	6	x 12	8	1		8.0					
LT STA 607+91	6	x 12	8	1		8.0					
LT STA 606+90	6	x 12	8	1		8.0					
* LT STA 600+56	10	x 4	4	1				4.0	1.3		
LT STA 591+90	8	x 12	11	1		11.0					
LT STA 585+88	6	x 12	8	1		8.0					
LT STA 584+63	8	x 12	11	1		11.0					
LT STA 583+78	6	x 12	8	1		8.0					
LT STA 581+77	6	x 12	8	1		8.0					
LT STA 580+77	6	x 12	8	1		8.0					
LT STA 579+00	80	x 12	107	1			107.0				
* DENOTES CENTERLINE					SUB-TOTAL 4=	0.0	99.0	20.0	107.0	4.0	1.3
					USE =		99.0	20.0	107.0	4.0	2.0
					FAS 1773 TOTAL =	16.0	661.0	216.0	560.0	890.0	300.0
						SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	TON

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PLOT DATE = 1/29/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES

SCALE:	SHEET 7 OF 10 SHEETS	STA.	TO STA.	F.A.S. RTE. 1773	SECTION **	COUNTY MCLEAN	TOTAL SHEETS 60	SHEET NO. 21
				ILLINOIS FED. AID PROJECT		CONTRACT NO. 70E18		

**(18R-2)RS-2 & (16,17,18)RS-3

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS
X7830060 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS & SYMBOLS

LOCATION FAS 1488 (OLD US 66)				78000100	X7830060
STATION	OFFSET (FOOT)		SYMBOL	THERMOPLASTIC LTR & SYM (SQ FT)	GRV RCSD PM LTR & SYM (SQ FT)
241+87.00	6.0		RT "BIKE"	4.7	4.7
242+27.00	6.0		RT "XING"	20.3	20.3
244+45.00	6.0		LT "XING"	20.3	20.3
244+85.00	6.0		LT "BIKE"	4.7	4.7
320+69.00	6.0		RT "BIKE"	4.7	4.7
321+09.00	6.0		RT "XING"	20.3	20.3
323+19.00	6.0		LT "XING"	20.3	20.3
323+59.00	6.0		LT "BIKE"	4.7	4.7
FAS 1488 TOTAL =				100.0	100.0
TOTAL =				100.0	100.0
USE =				100.0	100.0
				SQ FT	SQ FT

78001110 PAINT PAVEMENT MARKING - LINE 4"

LOCATION					78001110	
STATION	TO	STATION	QUANTITY (FT)	COLOR		
FAS 1773						
RT.	EDGE LINE	578+22.00	724+00.00	14578.0	WHITE	
RT.	RADIUS	724+00.00	724+65.00	65.0	WHITE	
LT.	EDGE LINE	578+22.00	586+39.00	817.0	WHITE	
LT.	EDGE LINE	587+25.00	723+31.00	13606.0	WHITE	
LT.	RADIUS	723+31.00	723+75.00	44.0	WHITE	
LT.	CENTERLINE SKIP-DASH	578+22.00	724+00.00	14578.0	YELLOW	
FAS 1773 TOTAL =				43688.0		
FAS 1488						
RT.	EDGE LINE	16+41.00	19+52.00	311.0	WHITE	
RT.	EDGE LINE	20+09.00	* 89+01.53	6893.0	WHITE	
RT.	EDGE LINE	4+00.00	* 167+05.00	16305.0	WHITE	
RT.	EDGE LINE	167+76.00	243+27.00	7551.0	WHITE	
RT.	EDGE LINE	243+38.00	322+12.00	7874.0	WHITE	
RT.	EDGE LINE	322+22.00	377+05.00	5483.0	WHITE	
LT.	EDGE LINE	16+41.00	19+18.00	277.0	WHITE	
LT.	EDGE LINE	19+69.00	25+60.00	591.0	WHITE	
LT.	EDGE LINE	26+80.00	* 89+01.53	6222.0	WHITE	
LT.	EDGE LINE	4+00.00	* 20+15.00	1615.0	WHITE	
LT.	EDGE LINE	21+48.00	166+95.00	14547.0	WHITE	
LT.	EDGE LINE	168+11.00	243+35.00	7524.0	WHITE	
LT.	EDGE LINE	243+45.00	307+26.00	6381.0	WHITE	
LT.	EDGE LINE	308+26.00	322+05.00	1379.0	WHITE	
LT.	EDGE LINE	322+15.00	377+05.00	5490.0	WHITE	
RT.	CENTERLINE SKIP-DASH	16+41.00	24+12.00	210.0	YELLOW	
RT.	NO PASS	24+12.00	27+37.00	425.0	YELLOW	
LT. / RT.	NO PASS DOUBLE	27+37.00	33+97.00	1320.0	YELLOW	
LT.	NO PASS	33+97.00	44+12.00	1285.0	YELLOW	
RT.	CENTERLINE SKIP-DASH	44+12.00	58+64.00	380.0	YELLOW	
RT.	NO PASS	58+64.00	65+11.00	827.0	YELLOW	
RT.	CENTERLINE SKIP-DASH	65+11.00	68+99.00	110.0	YELLOW	
LT.	NO PASS	68+99.00	78+04.00	1145.0	YELLOW	
RT.	CENTERLINE SKIP-DASH	78+04.00	* 89+01.53	290.0	YELLOW	
RT.	CENTERLINE SKIP-DASH	4+00.00	* 114+57.00	2780.0	YELLOW	
RT.	NO PASS	114+57.00	125+81.00	1424.0	YELLOW	
LT.	NO PASS	125+81.00	139+59.00	1738.0	YELLOW	
RT.	CENTERLINE SKIP-DASH	139+59.00	377+05.00	5950.0	YELLOW	
FAS 1488 TOTAL =				106327.00		
TOTAL =				150015.00		
USE =				150015.00		
				FT		

* INDICATES STATION EQUATION

X0300010 BITUMINOUS MATERIALS (FOG SEAL)

LOCATION							STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)	X0300010* BITUMINOUS MATERIALS (FOG SEAL) (POUND)
FAS 1773													
RT.	HMA SHLDR.	157+00.00		158+75.00	175.00	4.00	700.00	35.00					
RT.	HMA SHLDR.	160+67.00		162+50.00	183.00	4.00	732.00	36.60					
LT.	HMA SHLDR.	157+00.00		158+75.00	175.00	4.00	700.00	35.00					
LT.	HMA SHLDR.	160+67.00		162+50.00	183.00	4.00	732.00	36.60					
TOTAL =												143.20	
USE =												144.00	
												POUND	

* APPLICATION RATE 0.05 LB. / SQ. FT.

XZ193400 SURVEY MARKER, TYPE 2 (SPECIAL)

LOCATION					OFFSET	DESCRIPTION	XZ193400 SURVEY MARKER, TYPE 2 (SPECIAL) (EACH)
FAS 1773							
1317728.809	740318.430	578+42.00	0.00	LOGAN CO. LINE		1.0	
1321393.086	743656.326	627+98.66	0.00	PI KINK		1.0	
1324730.164	746697.341	673+13.10	-11.50	PI 1		1.0	
1325670.130	747500.115	685+62.30	-3.10	PI 3		1.0	
1326963.765	748681.817	703+14.17	0.00	PI KINK		1.0	
1328337.790	749930.490	721+70.42	-5.47	PI 4		1.0	
1328395.950	750012.640	722+70.70	0.00	PRC 4		1.0	
1328423.572	750051.645	723+18.37	2.14	PI 5		1.0	
FAS 1773 TOTAL =						8.0	
FAS 1488							
1331298.705	752625.651	35+94.67	0.00	PI KINK		1.0	
1332503.567	753726.626	52+26.80	0.00	PI KINK		1.0	
1333836.251	754938.713	70+27.74	-7.20	PI 8		1.0	
1334864.822	755930.485	84+69.74	-10.25	PI 10		1.0	
1335184.273	756221.504	89+01.53	0.00	STA. EQ. 89+01.53BK = 4+00AH		1.0	
1344252.583	764482.712	126+67.06	-4.20	PI 11		1.0	
1347559.603	767681.041	172+67.47	8.40	PI 12		1.0	
1351862.423	771375.070	229+38.26	-3.31	PI 13		1.0	
FAS 1488 TOTAL =						8.0	
TOTAL =						16.0	
USE =						16.0	
						EACH	

Z0033700 LONGITUDINAL JOINT SEALANT

LOCATION					STATION	TO	STATION	Z0033700 LENGTH (FT)
FAS 1773								
MAINLINE	C.L.	578+22.00		724+29.00				14607.00
FAS 1773 TOTAL =								14607.00
FAS 1488								
MAINLINE	C.L.	16+41.00	*	89+01.53				7260.53
MAINLINE	C.L.	4+00.00	*	158+76.00				15476.00
MAINLINE	C.L.	160+67.00		534+87.00				37420.00
FAS 1488 TOTAL =								60156.53
TOTAL =								74763.53
USE =								74764.00
								FT

* INDICATES STATION EQUATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES

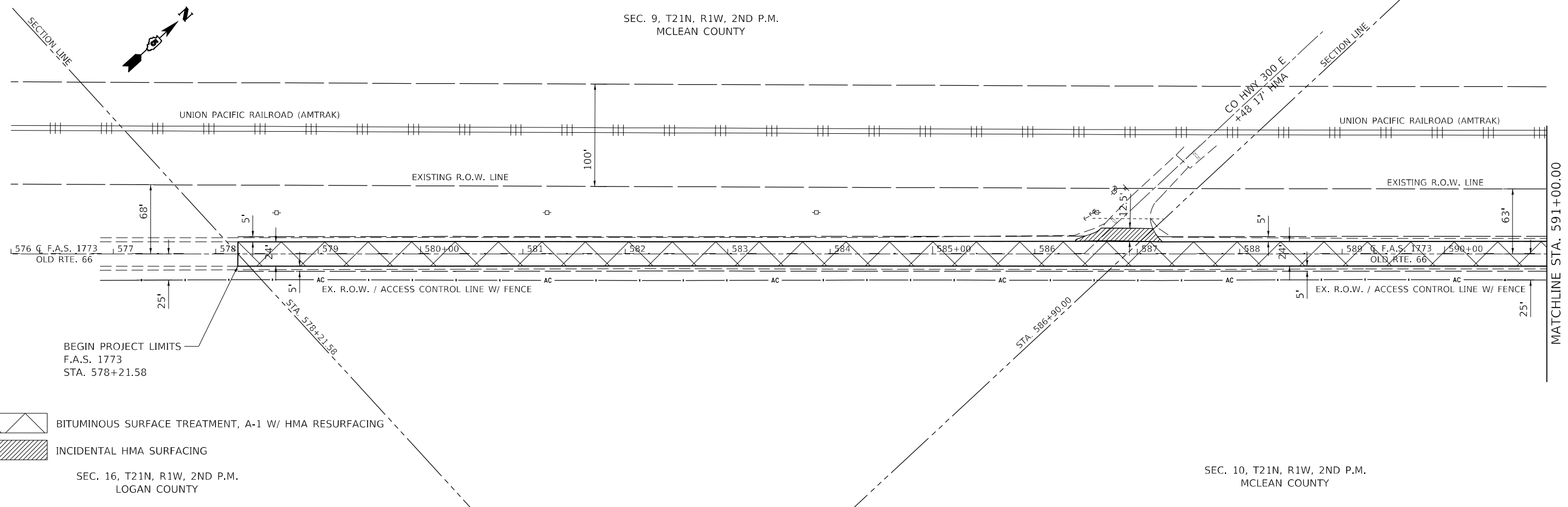
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	24
CONTRACT NO. 70E18				

ILLINOIS FED. AID PROJECT

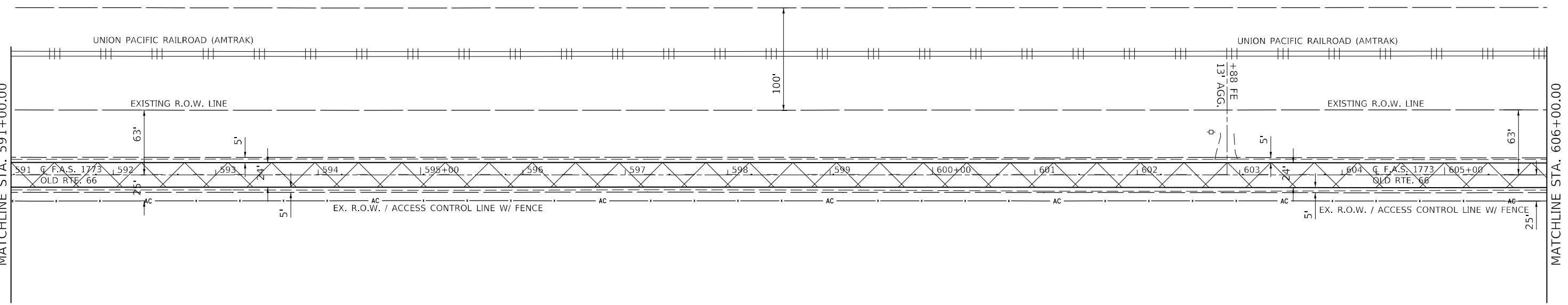
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SEC. 9, T21N, R1W, 2ND P.M.
MCLEAN COUNTY



-  BITUMINOUS SURFACE TREATMENT, A-1 W/ HMA RESURFACING
 -  INCIDENTAL HMA SURFACING
- SEC. 16, T21N, R1W, 2ND P.M.
LOGAN COUNTY

SEC. 10, T21N, R1W, 2ND P.M.
MCLEAN COUNTY



-  BITUMINOUS SURFACE TREATMENT, A-1 W/ HMA RESURFACING

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 DATE: 1/29/2021

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

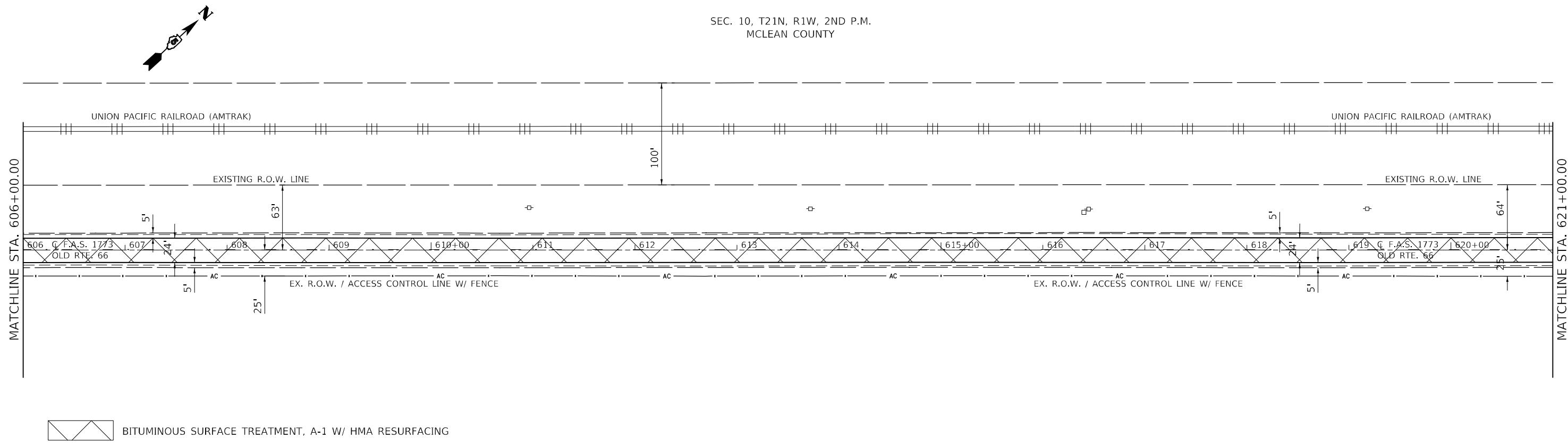
FAS 1773 PLAN SHEET

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 576+00 TO STA. 606+00

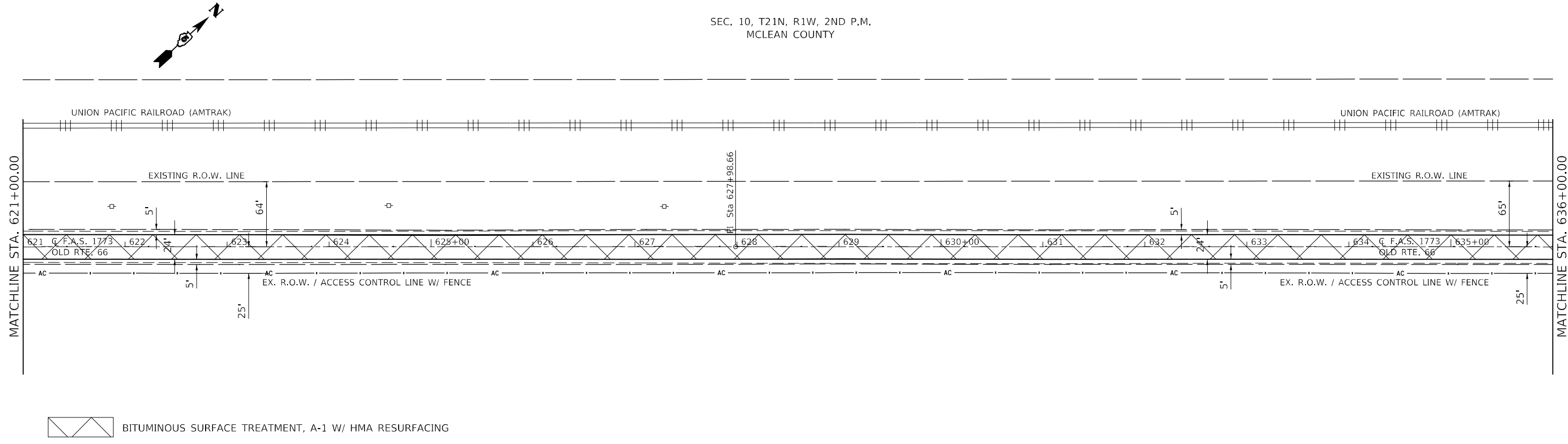
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	25
CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

*(18R-2)RS-2 & (16,17,18)RS-3

SEC. 10, T21N, R1W, 2ND P.M.
MCLEAN COUNTY



SEC. 10, T21N, R1W, 2ND P.M.
MCLEAN COUNTY



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FAS 1773 PLAN SHEET

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 606+00 TO STA. 636+00

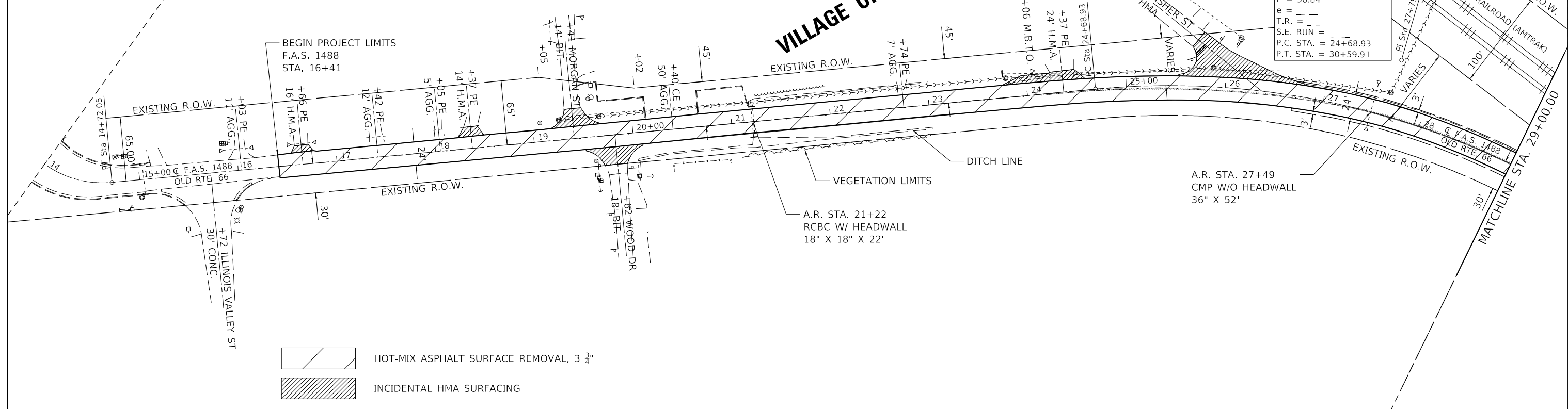
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CONTRACT NO. 70E18			ILLINOIS FED. AID PROJECT	

*(18R-2)RS-2 & (16,17,18)RS-3

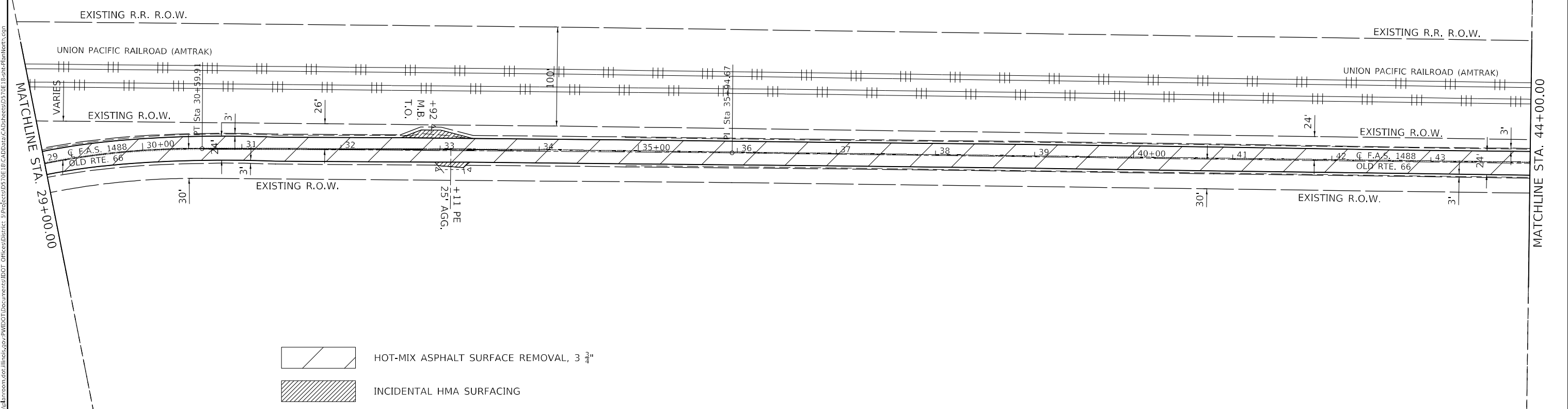
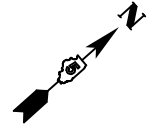
SEC. 36, T21N, R1W, 2ND P.M.
MCLEAN COUNTY

VILLAGE OF MCLEAN

EXIST. CURVE NORTH66_6
PI STA. = 27+79.09
Δ = 42° 58' 12" (RT)
D = 7° 16' 16"
R = 788.00'
T = 310.16'
L = 590.97'
E = 58.84'
e =
T.R. =
S.E. RUN =
P.C. STA. = 24+68.93
P.T. STA. = 30+59.91



SEC. 36, T21N, R1W, 2ND P.M.
MCLEAN COUNTY



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 PROJECT CHECKED BY: JRG
 PROJECT DATE: 1/29/2021

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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

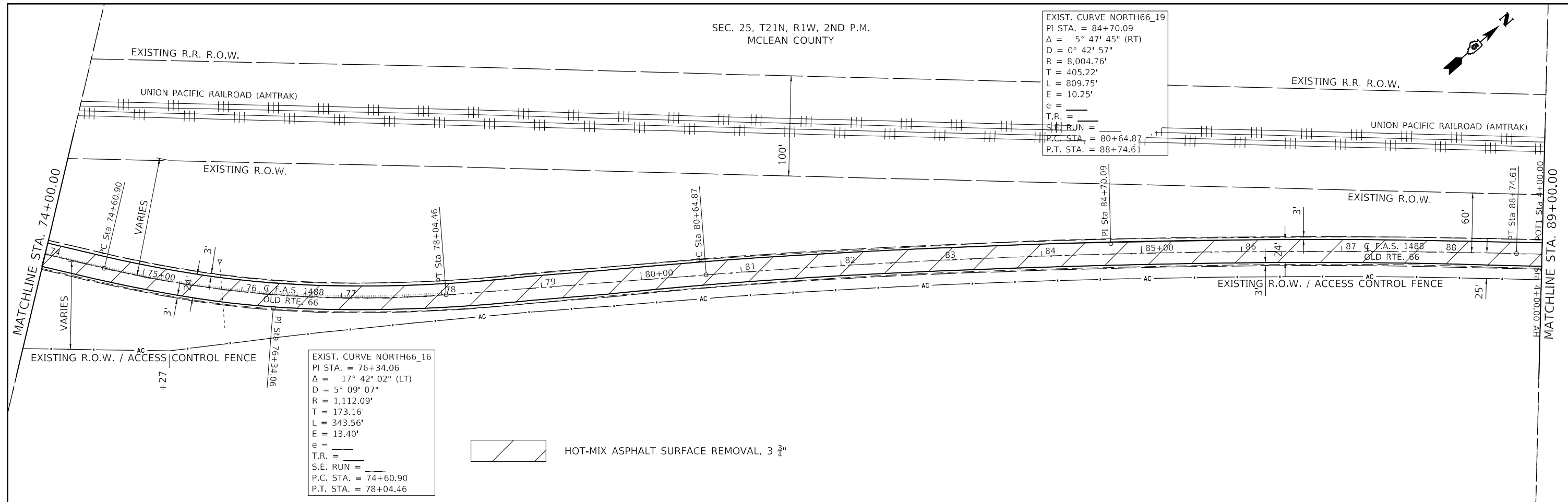
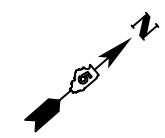
PLAN SHEET
SCALE: 1" = 50'
SHEET 1 OF 16 SHEETS
STA. 14+00 TO STA. 44+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	30
CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

118R-2)RS-2 & (16,17,18)RS-3

SEC. 25, T21N, R1W, 2ND P.M.
MCLEAN COUNTY

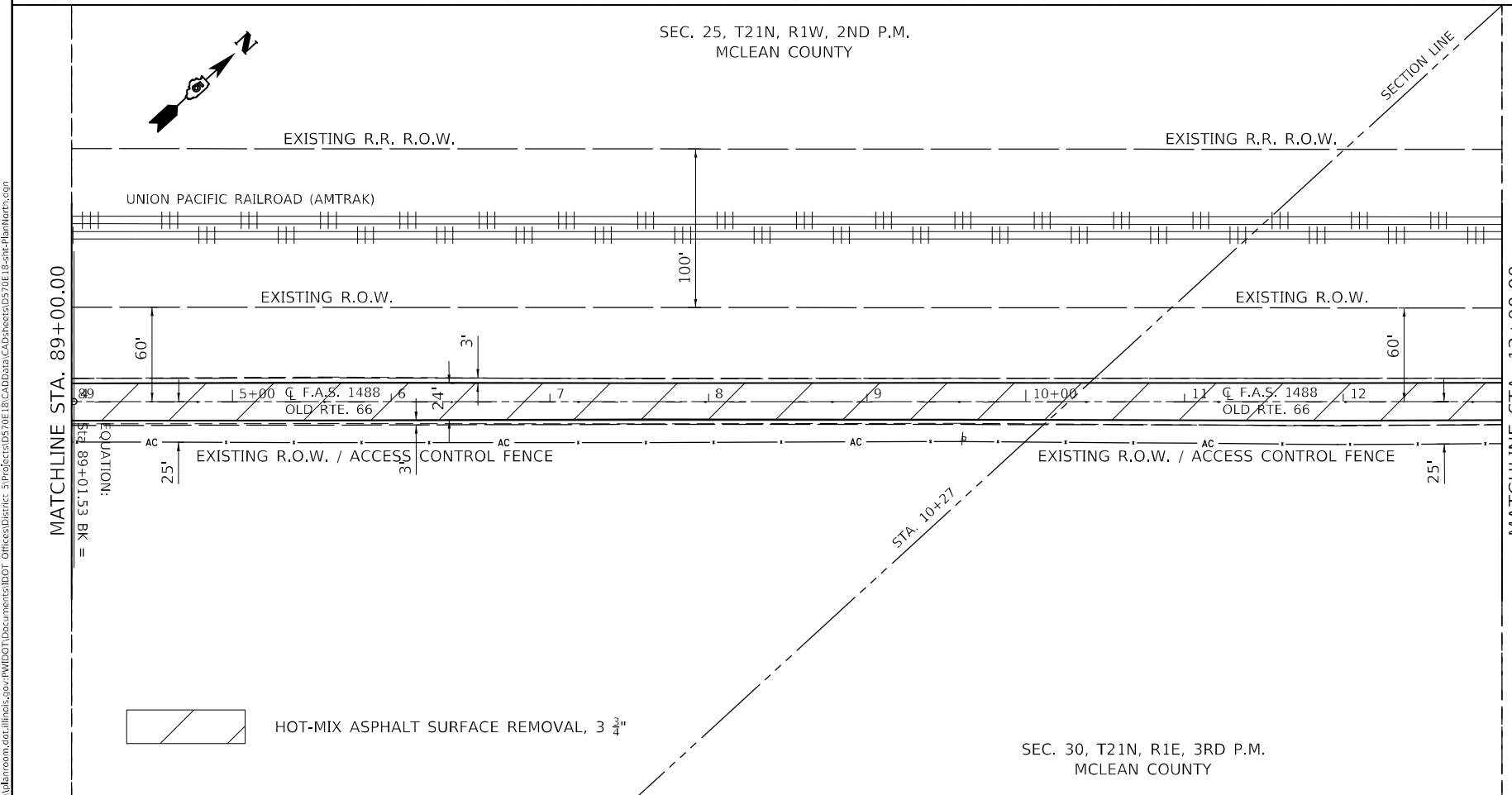
EXIST. CURVE NORTH66_19
PI STA. = 84+70.09
 $\Delta = 5^\circ 47' 45''$ (RT)
D = $0^\circ 42' 57''$
R = 8,004.76'
T = 405.22'
L = 809.75'
E = 10.25'
e =
T.R. =
S.E. RUN =
P.C. STA. = 80+64.87
P.T. STA. = 88+74.61



EXIST. CURVE NORTH66_16
PI STA. = 76+34.06
 $\Delta = 17^\circ 42' 02''$ (LT)
D = $5^\circ 09' 07''$
R = 1,112.09'
T = 173.16'
L = 343.56'
E = 13.40'
e =
T.R. =
S.E. RUN =
P.C. STA. = 74+60.90
P.T. STA. = 78+04.46

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

SEC. 25, T21N, R1W, 2ND P.M.
MCLEAN COUNTY



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

SEC. 30, T21N, R1E, 3RD P.M.
MCLEAN COUNTY

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OFFICE: \\OFFICE\NAME
DATE: 1/29/2021

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PLOT DATE = 1/29/2021	CHECKED -	REVISED -
	DATE -	REVISED -

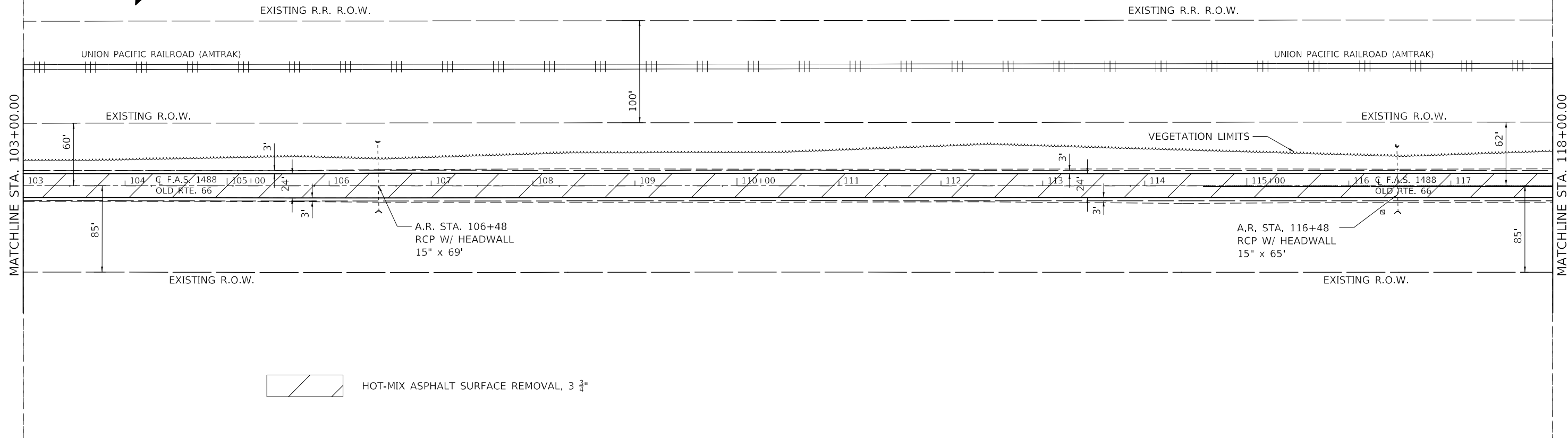
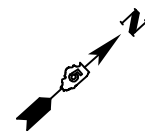
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE: 1" = 50'	SHEET 3 OF 16 SHEETS
STA. 74+00	TO STA. 13+00

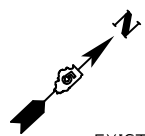
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	32
CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

*(18R-2)RS-2 & (16,17,18)RS-3

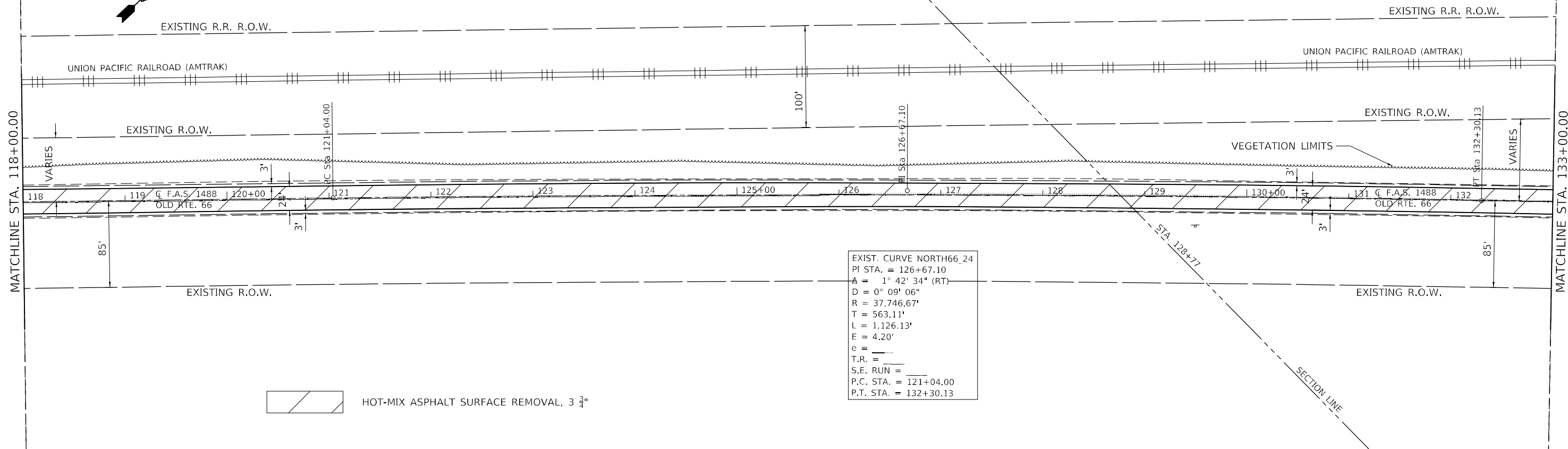
SEC. 20, T21N, R1E, 3RD P.M.
MCLEAN COUNTY



SEC. 20, T21N, R1E, 3RD P.M.
MCLEAN COUNTY



SEC. 17, T22N, R1E, 3RD P.M.
MCLEAN COUNTY



EXIST. CURVE NORTH66_24
PI STA. = 126+67.10
A = 1° 42' 34" (RT)
D = 0° 09' 06"
R = 37,746.67'
T = 563.11'
L = 1,126.13'
E = 4.20'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 121+04.00
P.T. STA. = 132+30.13

MODEL: \\MODEL\NAME
FILE NAME: \\P\16180000.dwg
PROJECT: 16180000
DRAWN: JRG
CHECKED: JRG
DATE: 1/29/2021

USER NAME = goblejr	DESIGNED - JRG	REVISED -
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

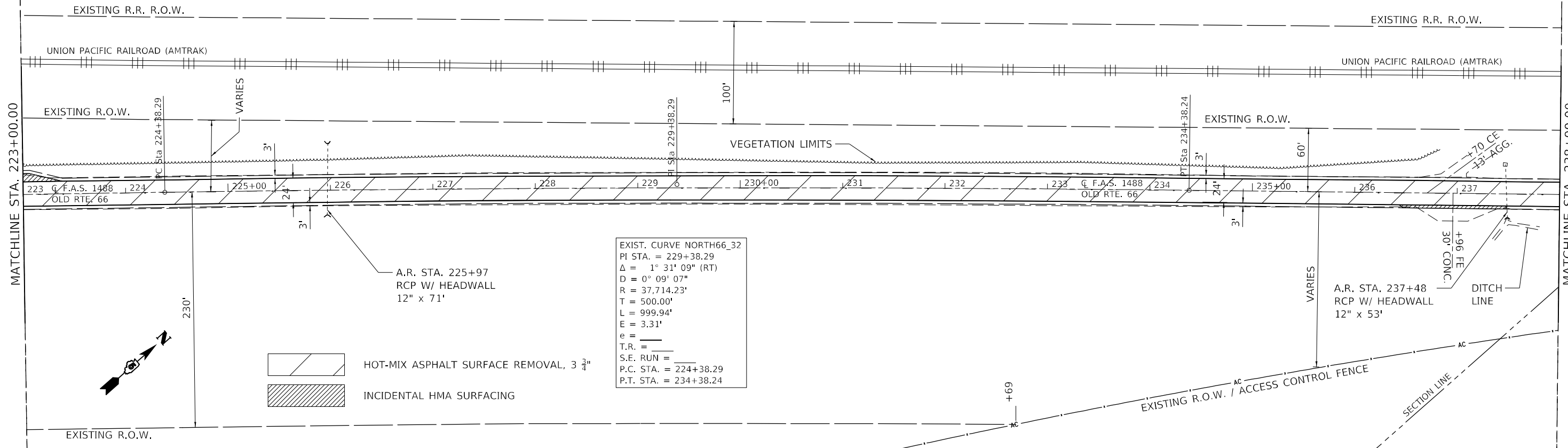
PLAN SHEET

SCALE: 1" = 50' SHEET 7 OF 16 SHEETS STA. 103+00 TO STA. 133+00

F.A.S. RTE. 1773	SECTION **	COUNTY MCLEAN	TOTAL SHEETS 60	SHEET NO. 36
CONTRACT NO. 70E18			ILLINOIS FED. AID PROJECT	

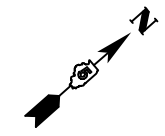
*(18R-2)RS-2 & (16,17,18)RS-3

SEC. 9, T22N, R1E, 3RD P.M.
MCLEAN COUNTY



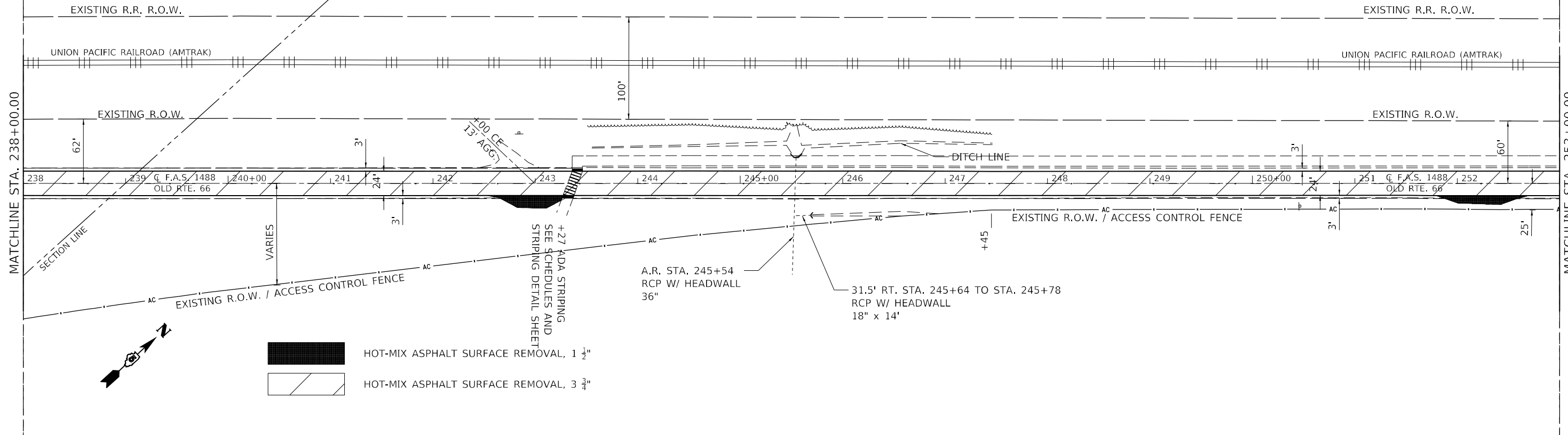
EXIST. CURVE NORTH66_32
 PI STA. = 229+38.29
 $\Delta = 1^\circ 31' 09''$ (RT)
 $D = 0^\circ 09' 07''$
 $R = 37,714.23'$
 $T = 500.00'$
 $L = 999.94'$
 $E = 3.31'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 224+38.29$
 $P.T. STA. = 234+38.24$

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

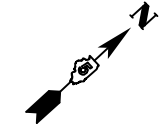


SEC. 9, T22N, R1E, 3RD P.M.
MCLEAN COUNTY

SEC. 10, T22N, R1E, 3RD P.M.
MCLEAN COUNTY



HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"



USER NAME = goblejr	DESIGNED - JRG	REVISED -
DRAWN - JRG	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2021	DATE -	REVISED -

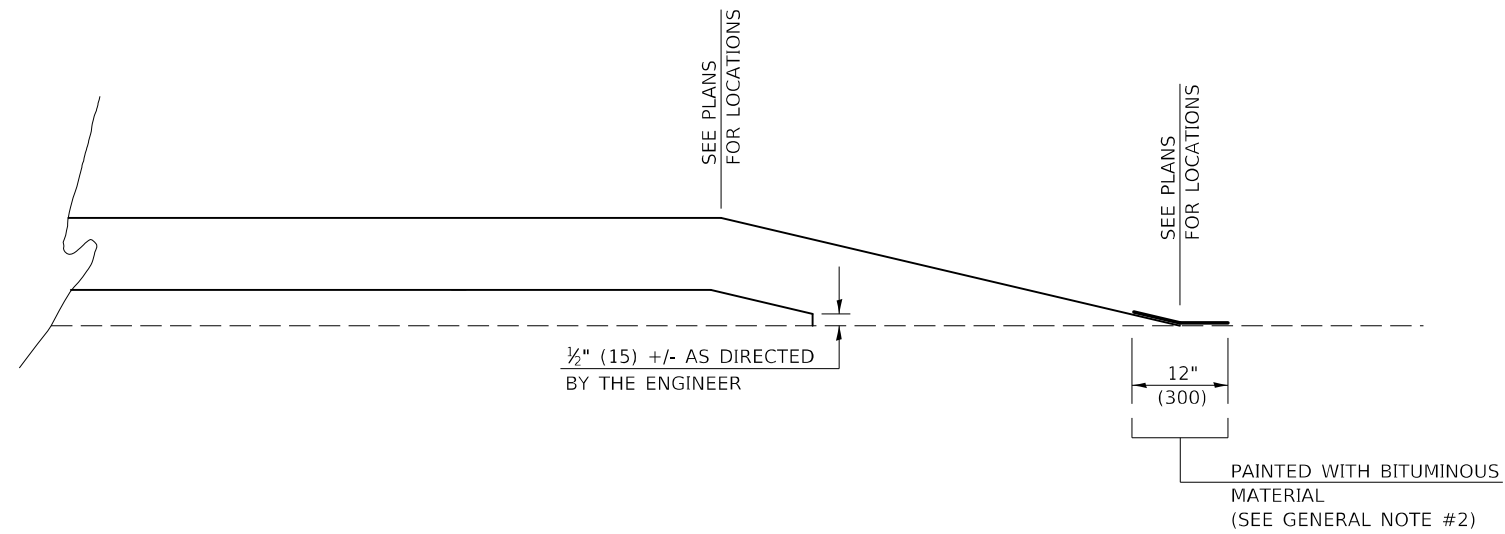
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
 SCALE: 1" = 50'
 SHEET 11 OF 16 SHEETS
 STA. 223+00 TO STA. 253+00

F.A.S. RTE. 1773	SECTION **	COUNTY MCLEAN	TOTAL SHEETS 60	SHEET NO. 40
CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

*(18R-2)RS-2 & (16,17,18)RS-3

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FOR USE ON CO HWY 300 E

GENERAL NOTES

1. ALL PROPOSED RUNDOWNS SHALL BE UNIFORMLY CONSTRUCTED AS FOLLOWS:
 1:240 (20 FEET PER INCH) OF THICKNESS FOR NON-INTERSTATE IMPROVEMENTS (SEE ARTICLE 406.09)
 1:360 (30 FEET PER INCH) OF THICKNESS FOR INTERSTATE IMPROVEMENTS
2. ON RESURFACING RUNDOWNS THAT ARE TO REMAIN IN PLACE AFTER COMPLETION OF THE SECTION, THE END OF THE FEATHEREDGE SHALL BE PAINTED WITH A UNIFORM COATING OF AC OR HFE BITUMINOUS MATERIAL APPROVED BY THE ENGINEER AFTER THE RUNDOWN IS COMPLETED. THE BITUMINOUS MATERIAL SHALL BE PAINTED ACROSS THE END OF THE RUNDOWN APPROXIMATELY 12 INCHES (300 mm) WIDE, 6 INCHES (150 mm) ON THE RUNDOWN AND 6 INCHES (150 mm) ON THE PAVEMENT. THE PAINTED STRIP SHALL BE COVERED WITH SAND. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

DISTRICT 5 DETAIL NO. 406AAAAA

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USER NAME = goblejr	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 12/08
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 05/11
PLOT DATE = 1/29/2021	DATE -	REVISED - 3/7/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

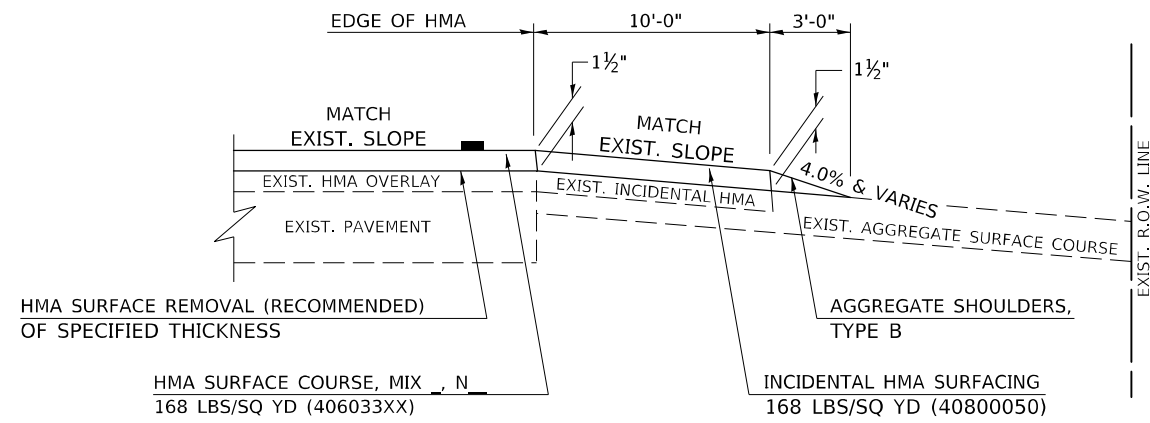
FETHEREDGE RUNDOWN

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

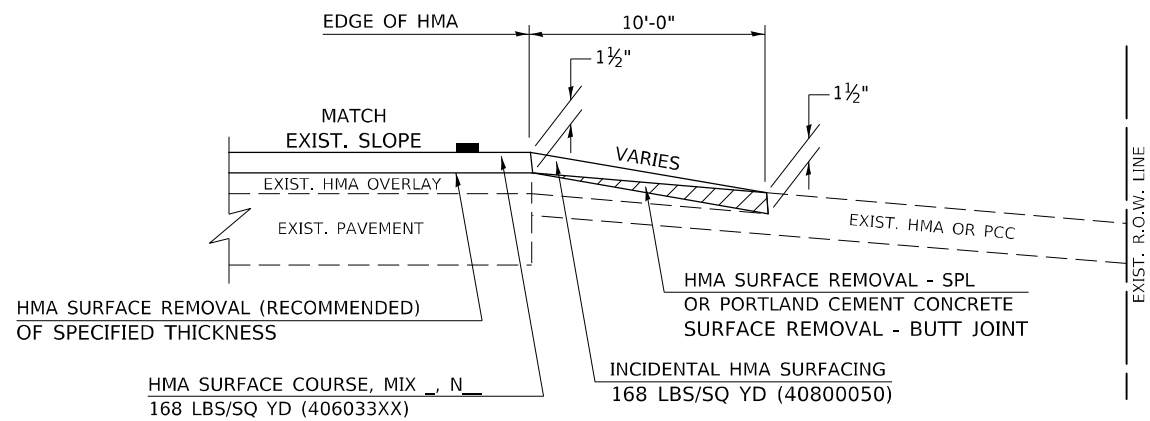
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1773	**	MCLEAN	60	47
**(18R-2)RS-2 & (16,17,18)RS-3		CONTRACT NO. 70E18		
		ILLINOIS	FED. AID PROJECT	

PROJECTS WITHOUT RECONSTRUCTION

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

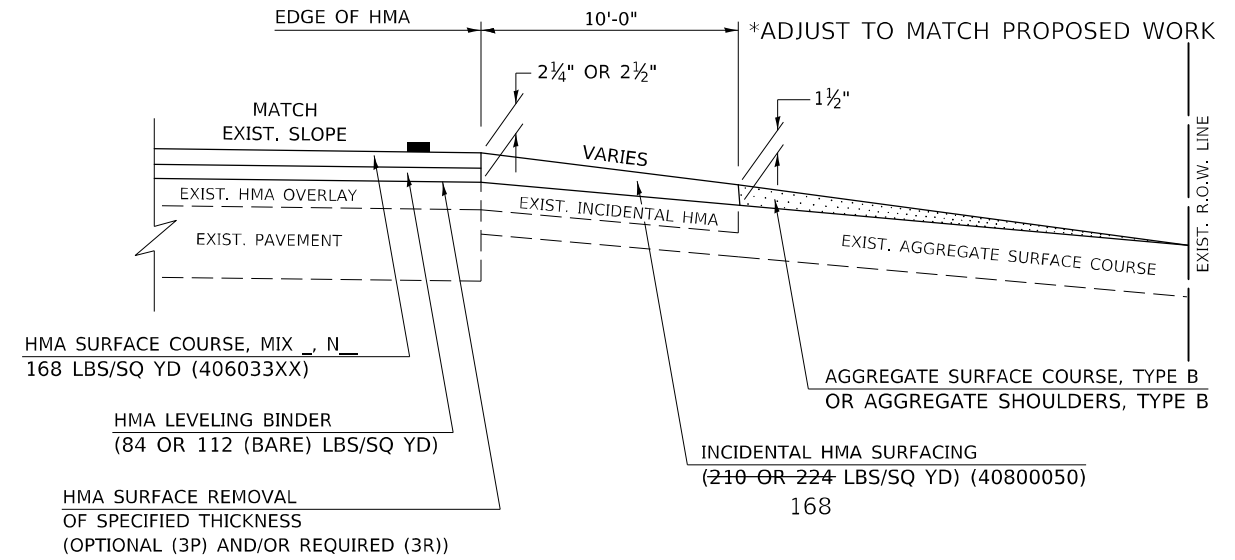


EXISTING AGGREGATE ENTRANCE

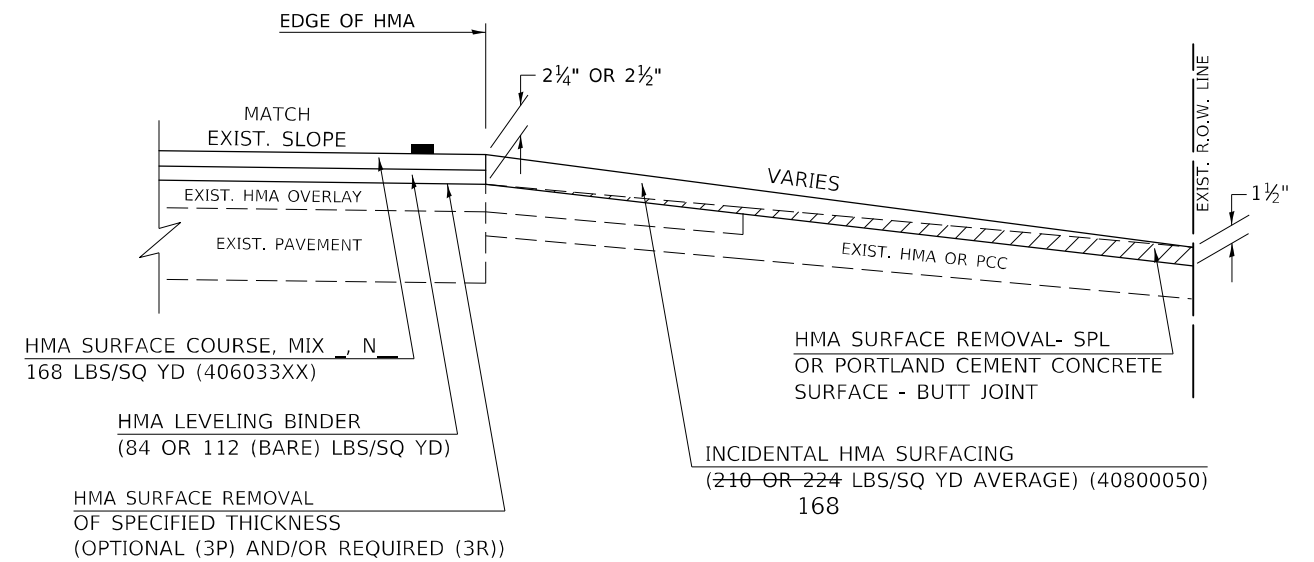


EXISTING HMA OR PCC ENTRANCE

"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" 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 = goblejr	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 1/29/2021	DATE -	REVISED - 3/6/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

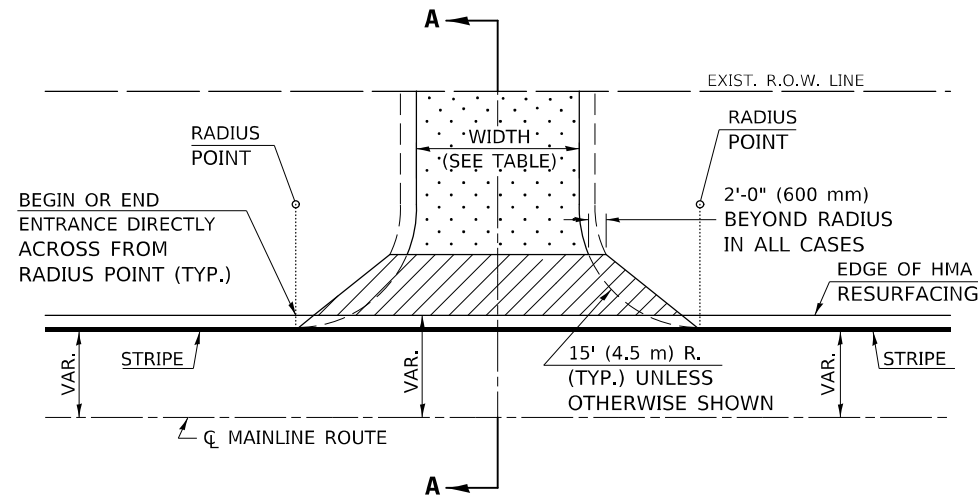
PRIVATE COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)			
SCALE:	SHEET 1 OF 2 SHEETS	STA. TO STA.	

DISTRICT 5 DETAIL NO. 4080050C				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	53
**(18R-2)RS-2 & (16,17,18)RS-3 CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

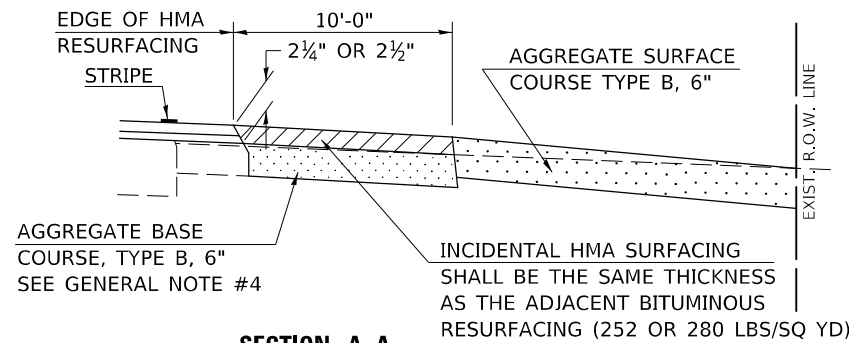
PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE

(3R IMPROVEMENTS)

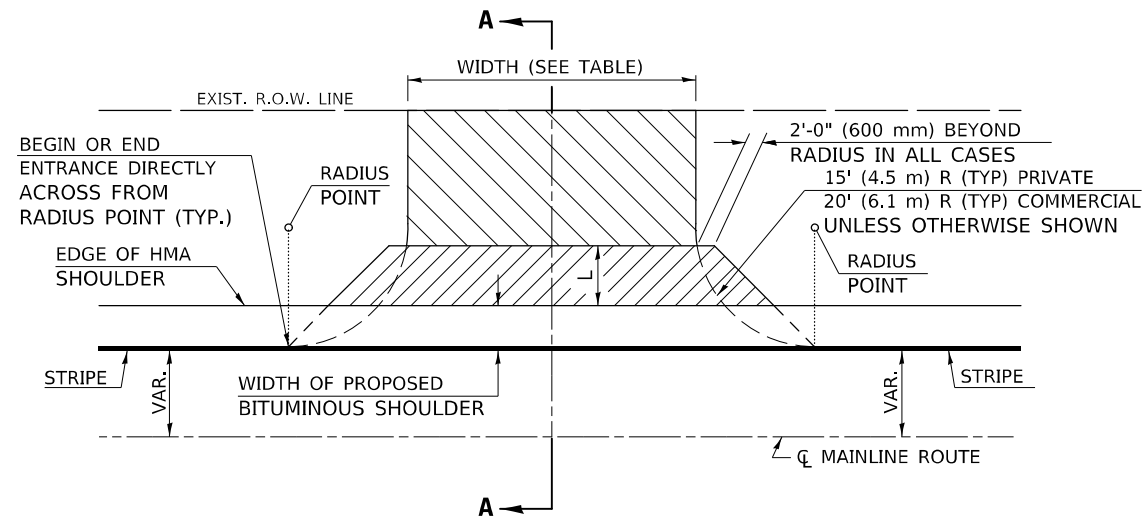


TYPICAL APPLICATION

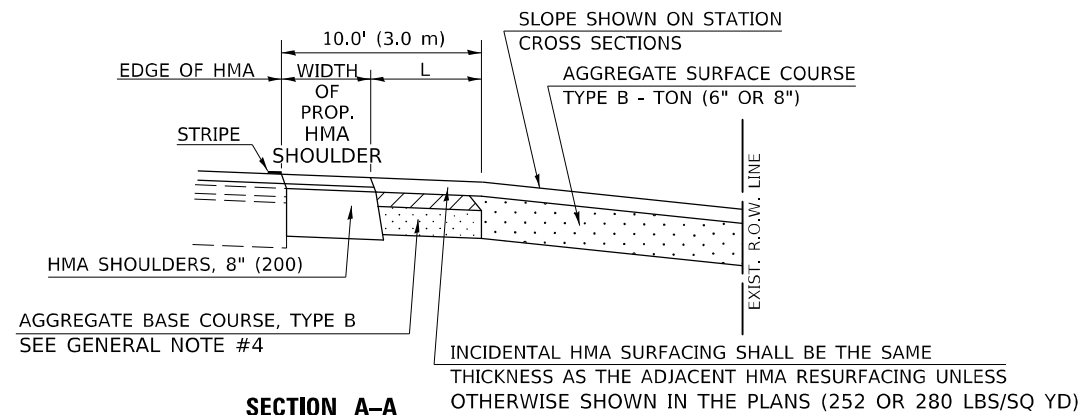


SECTION A-A

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. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
7. 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			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL				
	min.	des.	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		
RADIUS (FT)	15	25	40	30		20	30	50	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them					
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)	1:10	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

USER NAME = goblejr	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 1/29/2021	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)

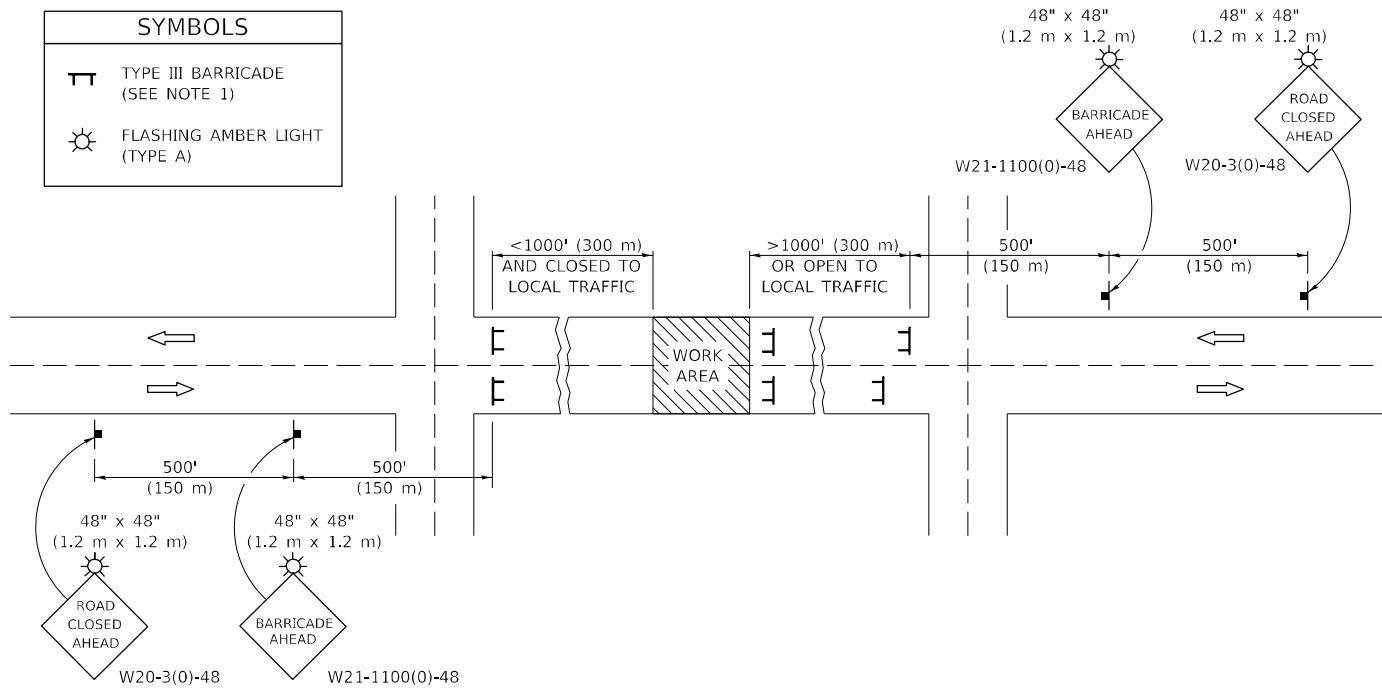
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	54
**(18R-2)RS-2 & (16,17,18)RS-3 CONTRACT NO. 70E18				
ILLINOIS FED. AID PROJECT				

ROAD CLOSURE

SIDEROAD / STREET CLOSURE

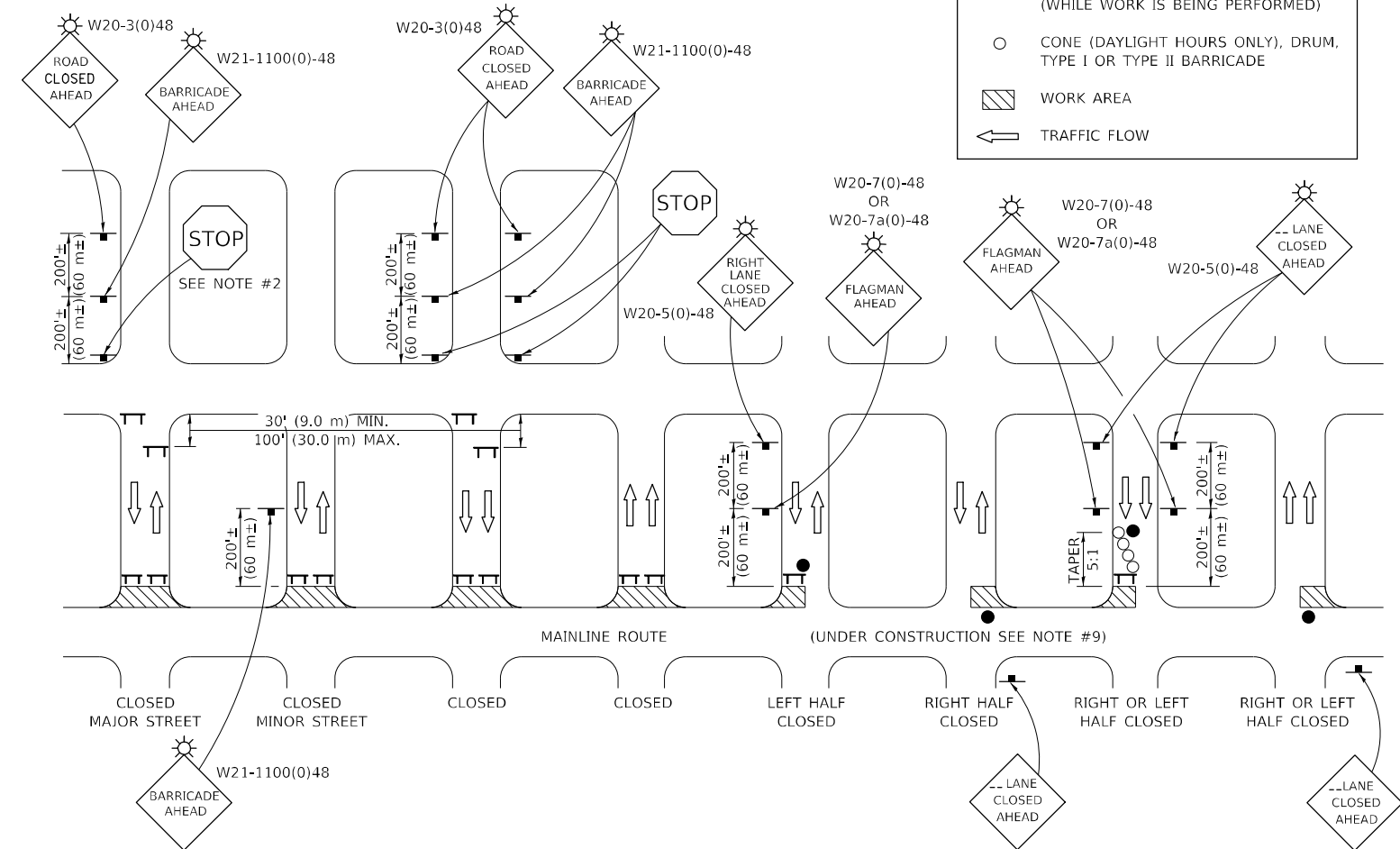
SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	FLASHING AMBER LIGHT (TYPE A)



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SYMBOLS	
	TYPE III BARRICADE (SEE NOTE)
	FLASHING LIGHT
	FLAGGER WITH TRAFFIC CONTROL SIGN (WHILE WORK IS BEING PERFORMED)
	CONE (DAYLIGHT HOURS ONLY), DRUM, TYPE I OR TYPE II BARRICADE
	WORK AREA
	TRAFFIC FLOW



GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

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

MODEL: \\MODEL\NAME
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 PROJECT: ...
 OFFICE: ...
 DATE: 1/29/2021

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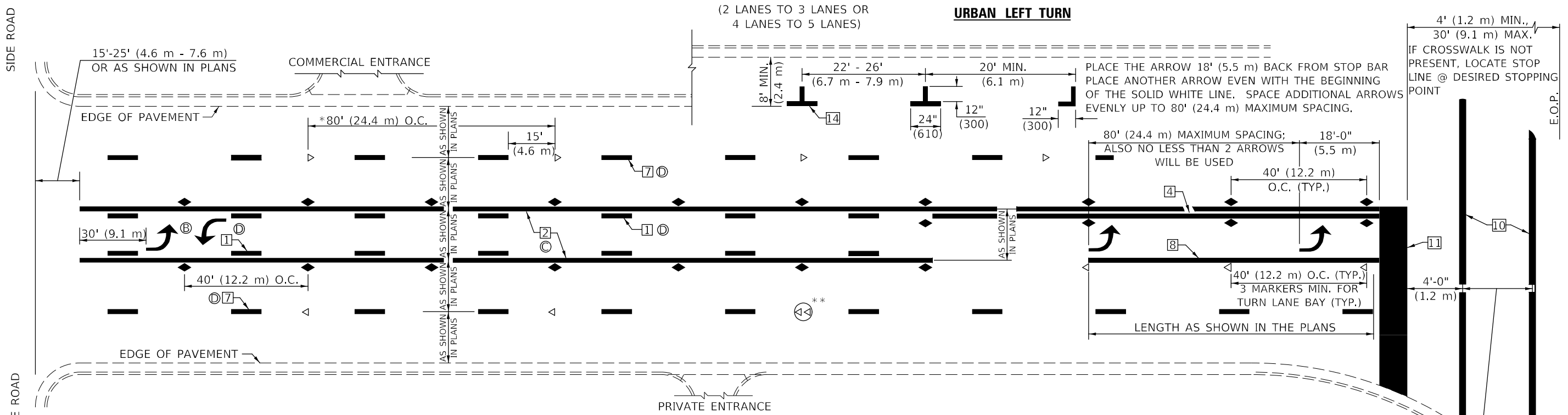
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL & PROTECTION DEVICES
(ROAD & SIDEROAD / STREET CLOSURES)**

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

DISTRICT 5 DETAIL NO. 7020000

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	55
**(18R-2)RS-2 & (16,17,18)RS-3 CONTRACT NO. 70E18				
ILLINOIS / FED. AID PROJECT				

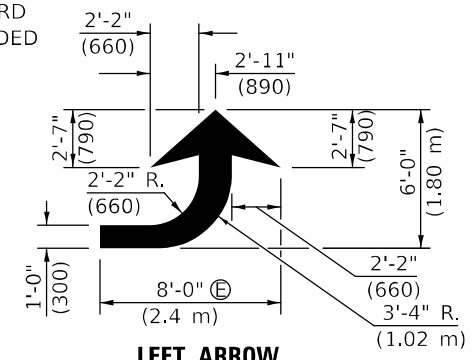


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

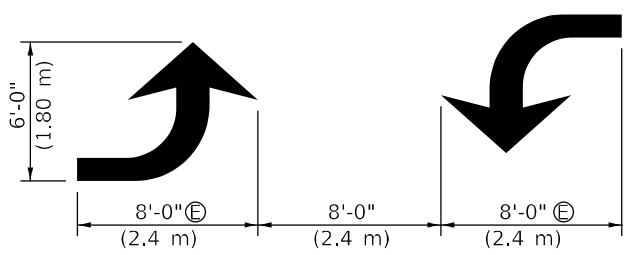
GENERAL NOTES:

- ⓑ 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)



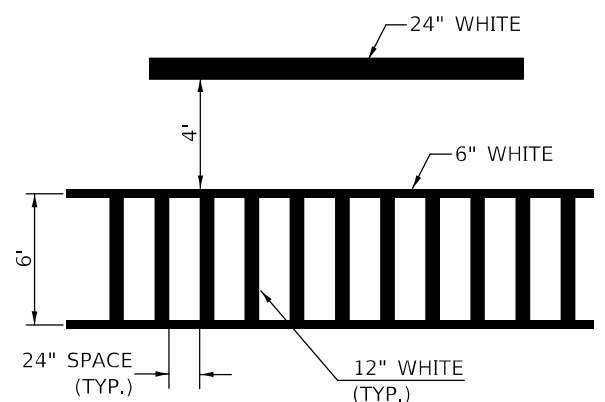
LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)

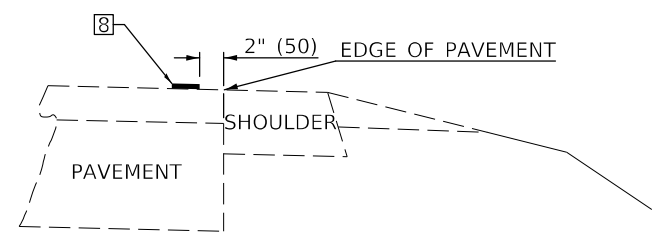


TYPICAL DOUBLE TURN ARROWS (WHITE)

BLOOMINGTON-NORMAL CITY LIMITS ONLY

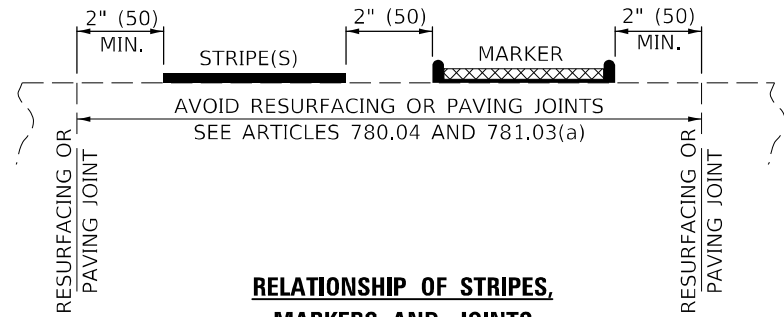


TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT

(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

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

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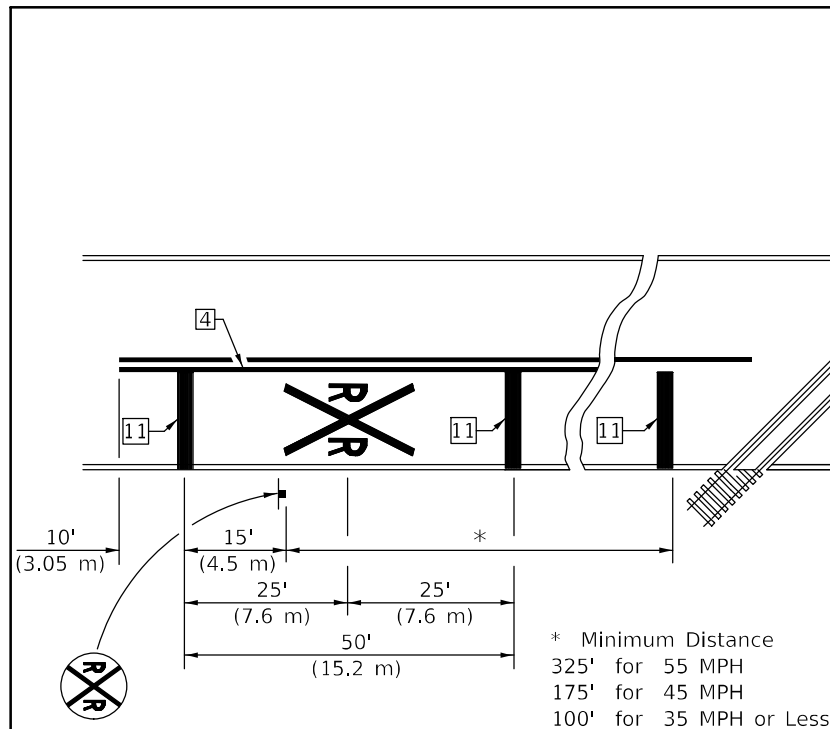
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PLOT DATE = 1/29/2021	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

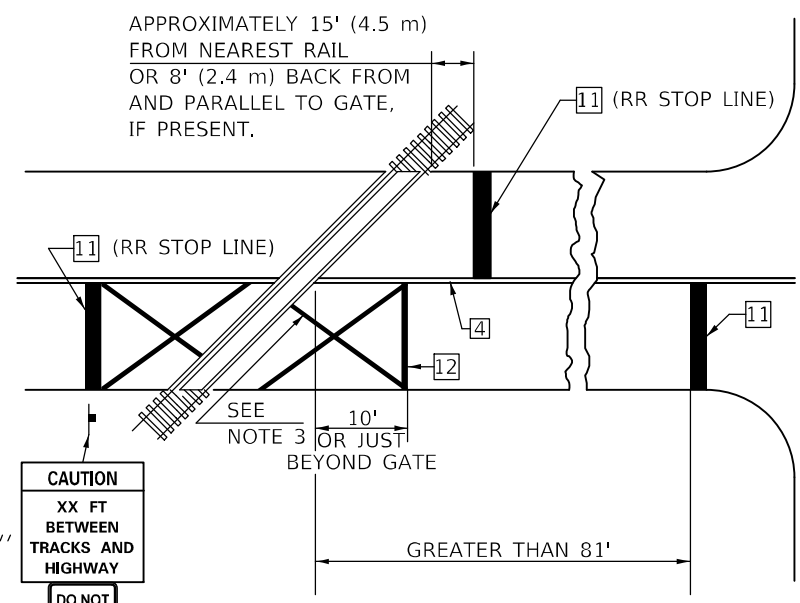
DISTRICT 5 DETAIL NO. 7800AAAA				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	57
**(18R-2)RS-2 & (16,17,18)RS-3			CONTRACT NO. 70E18	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

APPROXIMATELY 15' (4.5 m) FROM NEAREST RAIL OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

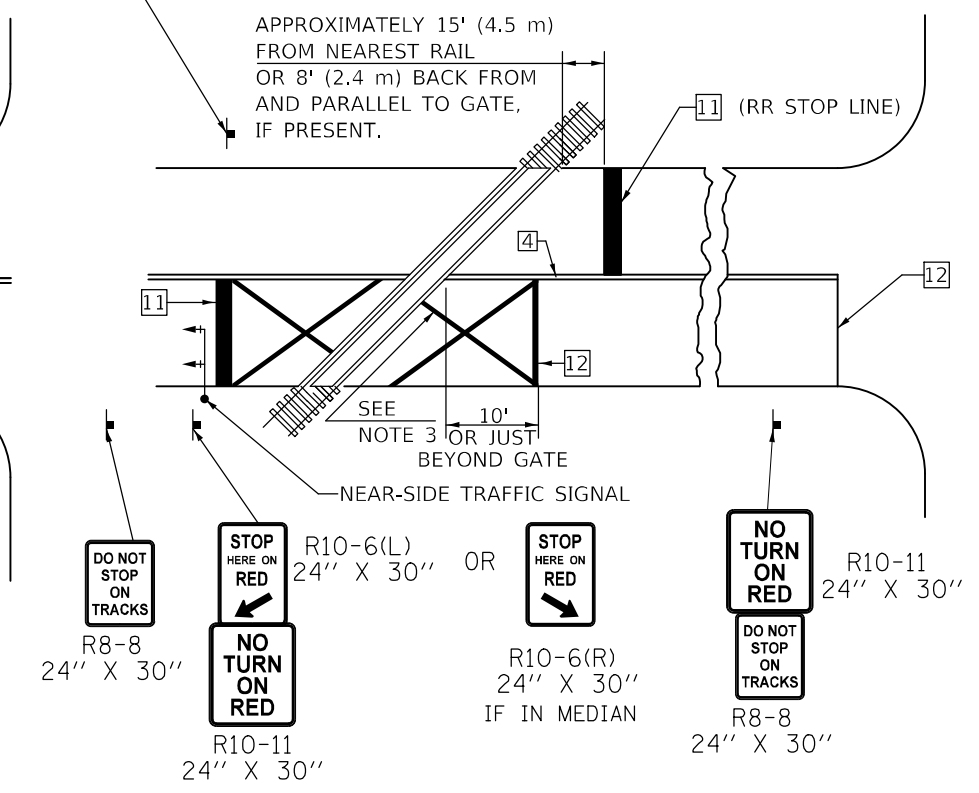
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100
30" X 36"
DO NOT STOP ON TRACKS
R8-8
24" X 30"

ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



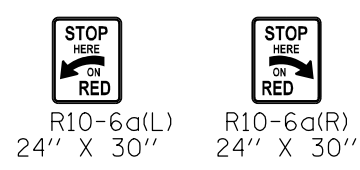
DO NOT STOP ON TRACKS
R8-8
24" X 30"
STOP HERE ON RED
R10-6(L) 24" X 30" OR R10-6(R) 24" X 30" IF IN MEDIAN
NO TURN ON RED
R10-11 24" X 30"
NO TURN ON RED
DO NOT STOP ON TRACKS
R8-8 24" X 30"

GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

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

DISTRICT 5 DETAIL NO. 7800AAAA

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USER NAME = goblejr	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/29/2021	DATE -	REVISED - 3/2019 SWN

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

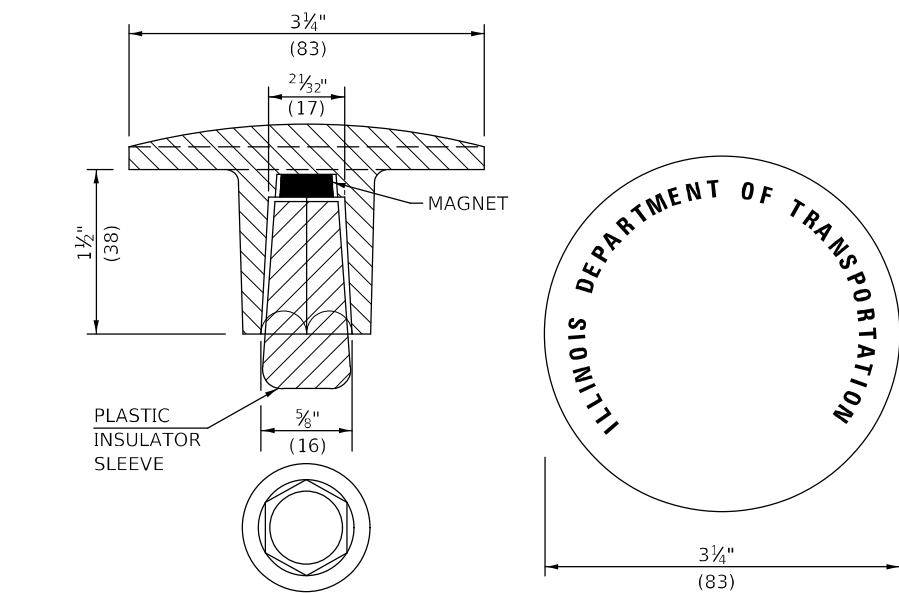
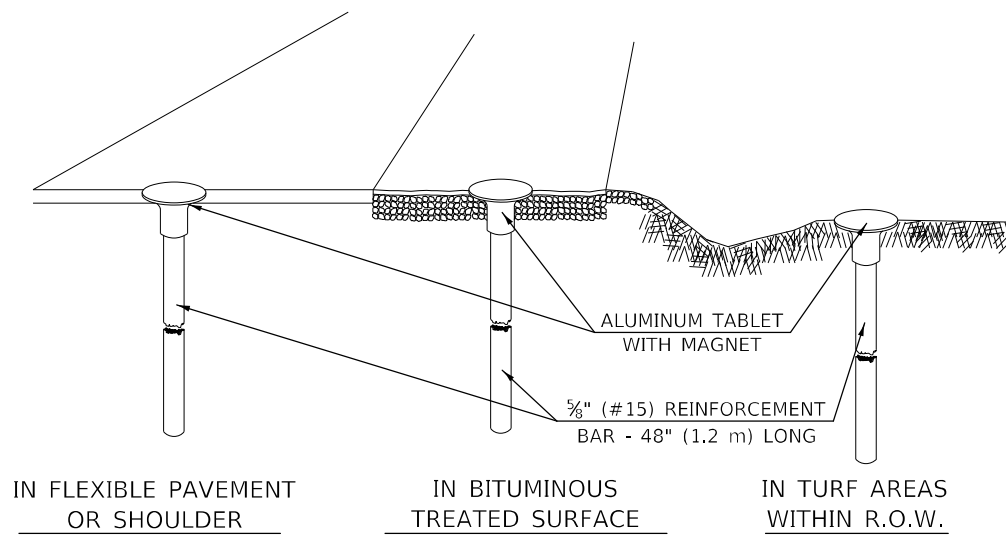
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	59
**(18R-2)RS-2 & (16,17,18)RS-3 CONTRACT NO. 70E18				
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).

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.

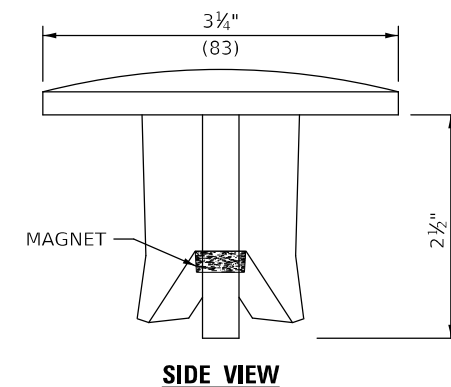
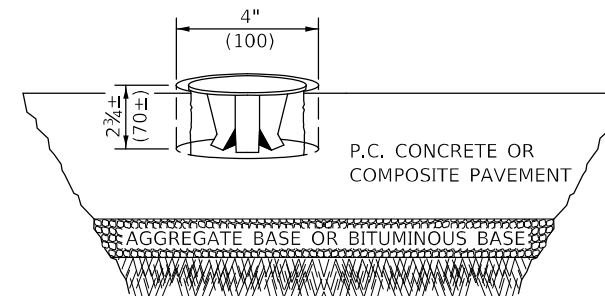
SPECIFICATIONS FOR REBAR

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.

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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

SCALE: SHEET OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. XZ193AAA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1773	**	MCLEAN	60	60
**(18R-2)RS-2 & (16,17,18)RS-3			CONTRACT NO. 70E18	
ILLINOIS FED. AID PROJECT				

MODEL: 4-MODEL\MRFS
FILE NAME: p:\pub\mcom\dot\illinc\gov\PIWDOT\Documents\DOT - Offices\District 5\Projects\0570E\B\CADD\B\CAD\pkcs0570E\B\pht-Detail.dgn