

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	1
		ILLINOIS	CONTRACT NO. 90868	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4 - 5

CURRENT TRAFFIC DATA

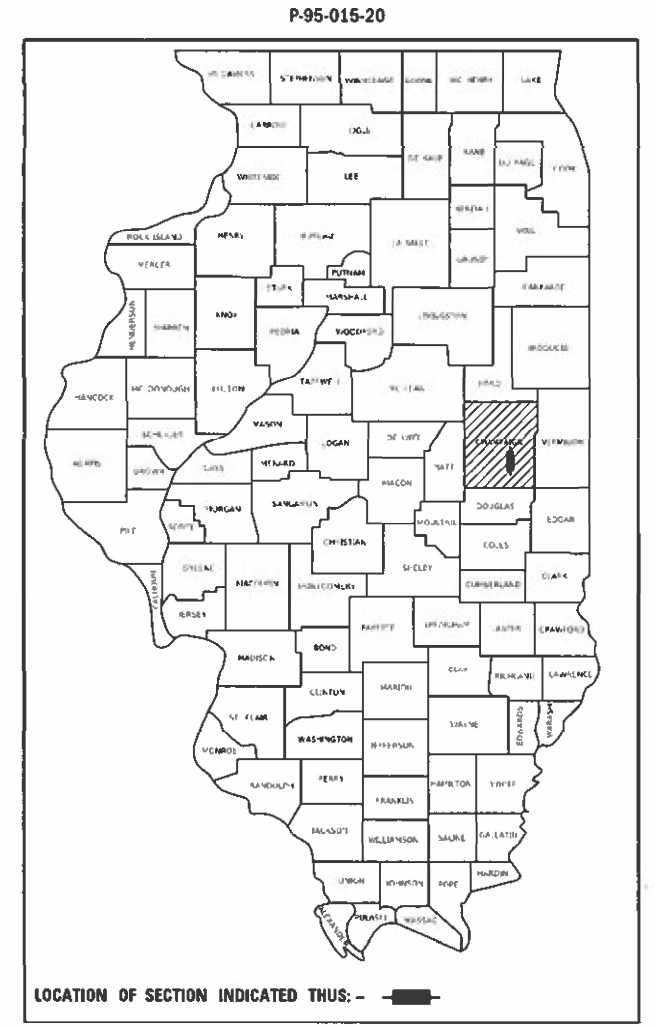
FAS RTE. 522 / (SIDNEY - LONGVIEW ROAD)

	ADT (2020)	PV %	SU %	MU %
LEG "A"	= 1,000	92.0	4.0	4.0

TRAFFIC DATA LOCATION:
LEG "A" = MAIN STREET IN SIDNEY TO BLOCK ROAD

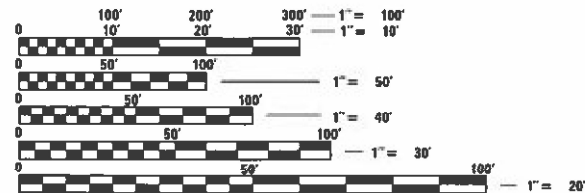
FUNCTIONAL CLASSIFICATION:
MAJOR COLLECTOR

FAS ROUTE 522 / (SIDNEY-LONGVIEW ROAD)
SECTION: (230,236)RS
PROJECT: STP-5TMG(041)
STANDARD OVERLAY FROM
MAIN STREET IN SIDNEY TO BLOCK ROAD
CHAMPAIGN COUNTY



DESIGN DESIGNATION
NA

TOWNSHIPS: SIDNEY, RAYMOND



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
SQUAD LEADER: GREG EAGLIN
TELEPHONE: (217) 465-4181
CONTRACT NO. 90868

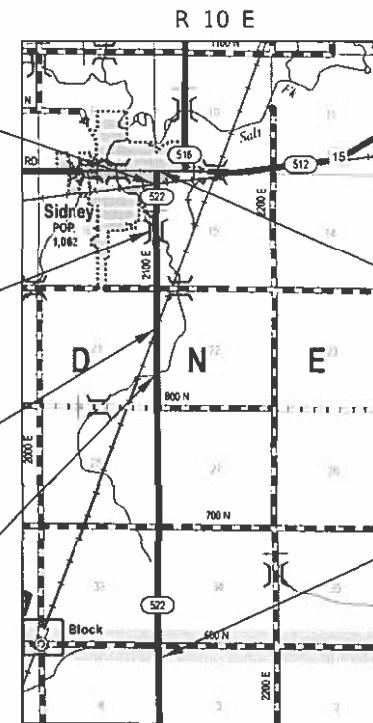
C-95-031-20

RAILROAD OMISSION:
NORFOLK SOUTHERN
STA. 05+95.63 TO
STA. 06+05.37

S.N. 010-2009:
STA. 27+70.00

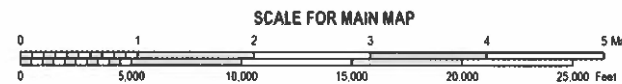
RAILROAD OMISSION:
UNION PACIFIC
STA. 71+17.05 TO
STA. 71+45.38

S.N. 010-8601:
STA. 91+91.00



PROJECT BEGINS:
STA. 00+13.50

PROJECT ENDS:
STA. 217+17.50



GROSS LENGTH = 21,704.00 FT. = 4.111 MILE
NET LENGTH = 21,665.93 FT. = 4.103 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/16 2021
Kenneth A. Barnettson
REGIONAL ENGINEER

February 4, 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 4, 2022
Stephen M. Lipp
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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LIST OF STANDARDS

<u>STANDARD NO.</u>	<u>NAME OF STANDARD</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
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
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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PLOT DATE = 12/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS &
LIST OF STANDARDS**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	2
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

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.-107.12 (A)
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

MR. KYTE HOWELL
TRACK SUPERVISOR
NORFOLK SOUTHERN RAILWAY COMPANY
1735 EAST CONDIT STREET
DECATUR, IL 62521
(217)-412-0563

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

MR. KYTE HOWELL
TRACK SUPERVISOR
NORFOLK SOUTHERN RAILWAY COMPANY
1735 EAST CONDIT STREET
DECATUR, IL 62521
(217)-412-0563

G.N.-107.12 (B)
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

MR. JORDON R. ALBERS
MANAGER INDUSTRY & PUBLIC PROJECTS
UNION PACIFIC RAILROAD
100 N. BROADWAY AVE.
SUITE 1500
ST. LOUIS, MO 63102
(402)-890-4754
jralbers@up.com

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

FLAGGING WILL BE ASSIGNED BY UNION PACIFIC ONCE THE RIGHT OF ENTRY AND RAILROAD PROTECTIVE LIABILITY INSURANCE REQUIREMENTS HAVE BEEN MET.

UNION PACIFIC REQUIRES CONTRACTORS TO OBTAIN RIGHT OF ENTRY PERMIT BEFORE ENTERING UPON RAILROAD RIGHT OF WAY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN RAILROAD RIGHT OF ENTRY PERMIT FROM THE RAILROAD.

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

LOCATION	FAS 522	FAS 522	FAS 522	FAS 522
MIXTURE USE	CIPR (SEE SPECIAL PROVISION)	SURFACE	INCIDENTAL	CLASS D PATCHES
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 9.5	IL 9.5	IL 19.0
FRICTION AGGREGATE		MIX "C"	MIX "C"	N.A.
MIXTURE WEIGHT		112	112	112
QUALITY MANAGEMENT PROGRAM		QCP	QC/QA	QC/QA
SUBLOT SIZE	N.A.	1000	N.A.	N.A.
MATERIAL TRANSFER DEVICE (REQUIRED ?)	NO	NO	NO	NO

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:
RT. STA. 4+15.00; BYRON ST.
RT. STA. 11+77.10; VICTORY ST.
RT. STA. 53+74.00; 900N
RT. STA. 214+29.30; 600N

G.N.-440B
THE EXISTING TIE BARS BETWEEN THE EXISTING PAVEMENT AND EXISTING MEDIANS, GUTTERS AND/OR COMBINATION CURB AND GUTTERS THAT ARE FOUND SUITABLE FOR REUSE SHALL BE CLEANED, STRAIGHTENED AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY EXISTING TIE BARS THAT ARE FOUND UNSUITABLE TO BE INCORPORATED INTO THE PROPOSED CONSTRUCTION DUE TO EXCESSIVE RUSTING OR DISTRESS SHALL BE REMOVED FLUSH WITH THE FACE OF THE EXISTING CONCRETE AND DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE VARIOUS REMOVAL PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: PAVEMENT MARKING REMOVAL, COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), AND BINDER & 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

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

STRUCTURE INFORMATION:

IF THE CONTRACTOR ELECTS TO USE A MATERIAL TRANSFER DEVICE (MTD), THEN THE FOLLOWING REQUIREMENTS WILL APPLY.

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

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

S.N. 010-2009
S.N. 010-8601

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.

BENCHMARKS

B.M. 4606-1 STA. 5+24.51, (LT. 21.09')
CHISELED SQUARE
ON NORTHEAST CORNER OF TOP CONCRETE STEP LOCATED
75' NORTH OF RAILROAD TRACKS IN SIDNEY.
ELEVATION: 673.52

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	3
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SHEET 1 OF 2

LOCATION OF WORK: FAS 522
(SIDNEY /
LONGVIEW RD)
RURAL 2 LANE
COUNTY: CHAMPAIGN
STA. 0+13.50
TO
STA. 217+17.50
FUNDING BREAKOUT: 80% FED
20% STATE
CONSTRUCTION CODE: 0005

LOCATION OF WORK: FAS 522
(SIDNEY /
LONGVIEW RD)
RURAL 2 LANE
COUNTY: CHAMPAIGN
STA. 0+13.50
TO
STA. 217+17.50
FUNDING BREAKOUT: 80% FED
20% STATE
CONSTRUCTION CODE: 0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,135.0
35800100	PREPARATION OF BASE	SQ YD	196.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	25,532.0
40600370	LONGITUDINAL JOINT SEALANT	FOOT	21,666.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	783.0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	45.0
40600990	TEMPORARY RAMP	SQ YD	194.0
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	4,463.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,469.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,252.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	409.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	188.0

* SPECIALTY ITEM

CODE NO	ITEM	UNIT	TOTAL QUANTITY
* 42400800	DETECTABLE WARNINGS	SQ FT	17.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	210.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	104.0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	14.0
44000600	SIDEWALK REMOVAL	SQ FT	196.0
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	162.0
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	176.0
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	208.0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2,158.0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	14.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5.0
67100100	MOBILIZATION	L SUM	1.0

* SPECIALTY ITEM

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PLOT DATE = 12/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	4
			CONTRACT NO. 90868	
		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

SHEET 2 OF 2

LOCATION OF WORK: FAS 522
(SIDNEY /
LONGVIEW RD)
RURAL 2 LANE
COUNTY: CHAMPAIGN
STA. 0+13.50
TO
STA. 217+17.50
FUNDING BREAKOUT: 80% FED
20% STATE
CONSTRUCTION CODE: 0005

LOCATION OF WORK: FAS 522
(SIDNEY /
LONGVIEW RD)
RURAL 2 LANE
COUNTY: CHAMPAIGN
STA. 0+13.50
TO
STA. 217+17.50
FUNDING BREAKOUT: 80% FED
20% STATE
CONSTRUCTION CODE: 0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY
70100450	TRAFFIC CCNTROL AND PROTECTION, STANDARD 701201	L SUM	1.0
70100460	TRAFFIC CCNTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70102640	TRAFFIC CCNTROL AND PROTECTION, STANDARD 701801	L SUM	1.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,080.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	816.0
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	245.0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	51,805.0
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	150.0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	245.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	150.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	51,805.0
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	245.0

* SPECIALTY ITEM

CODE NO	ITEM	UNIT	TOTAL QUANTITY
* 78011125	GROOVING RECESSED PAVEMENT MARKING 25"	FOOT	150.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	300.0
X0327996	COLD IN-PLACE RECYCLING, 3.0"	SQ YD	52,318.0
X4200001	CIR-FDR EMULSIFIED ASPHALT	GALLON	62,781.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	2,221.0
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	52,134.0
* XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	14.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0
* Z0070202	SURVEY MARKER VAULT	EACH	5.0

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

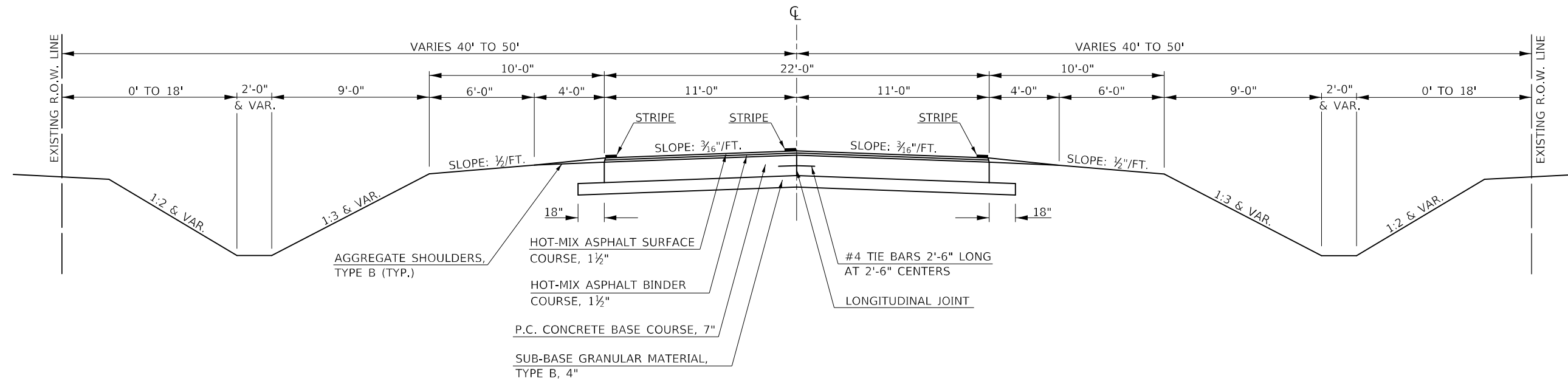
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522	(230,236)RS	CHAMPAIGN	38	5
			CONTRACT NO. 90868	
		ILLINOIS FED. AID PROJECT		

REV. 1/20/22

A EXISTING TYPICAL CROSS SECTION

STATION TO STATION
0+13.50 TO 217+17.50

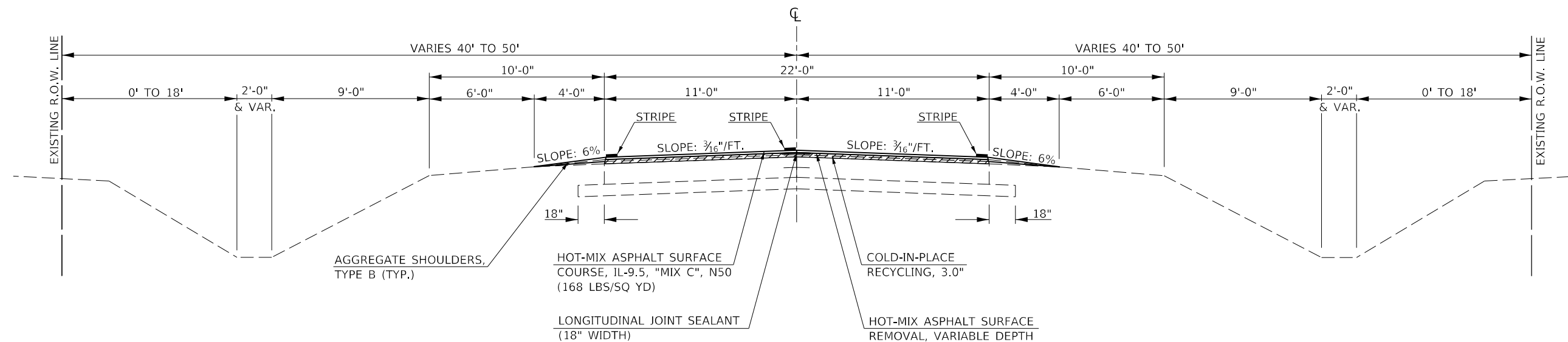
RAILROAD OMISSIONS:
STA. 05+95.63 TO STA. 06+05.37 (NORFOLK SOUTHERN)
STA. 71+17.05 TO STA. 71+45.38 (UNION PACIFIC)



1 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
0+13.50 TO 217+17.50

RAILROAD OMISSIONS:
STA. 05+95.63 TO STA. 06+05.37 (NORFOLK SOUTHERN)
STA. 71+17.05 TO STA. 71+45.38 (UNION PACIFIC)



COLD-IN-PLACE RECYCLING, 3"

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 90868	

SCHEDULE OF QUANTITIES

SHEET 1 OF 5

CLASS D PATCHING SCHEDULE

LOCATION	NUMBER OF PATCHES (QTY)	LENGTH (FT)	WIDTH (FT)	QUANTITY PER PATCH SIZE (SQ YD)	44201765	44201769	44201771
					TYPE II, 10" (SQ YD)	TYPE III, 10" (SQ YD)	TYPE IV 10" (SQ YD)
FAS 522	12.0	6.0	11.0	7.33	88.00		
FAS 522	6.0	10.0	11.0	12.22	73.33		
FAS 522	4.0	16.0	11.0	19.56		78.22	
FAS 522	4.0	20.0	11.0	24.44		97.78	
FAS 522	3.0	30.0	11.0	36.67			110.00
FAS 522	2.0	40.0	11.0	48.89			97.78
TOTAL =					161.33	176.00	207.78
USE =					162.00	176.00	208.00
					SQ YD	SQ YD	SQ YD

NOTE:
FIELD INSPECTION HAS DETERMINED THAT THE QUANTITY OF PATCHES SHOWN IN THE SCHEDULE MAY BE NEEDED FOR THIS CONTRACT. THE ROADWAY STATIONS ARE NOT SHOWN, BUT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

(ADA) PEDESTRIAN RAMP SCHEDULE

LOCATION	COMBINATION CURB & GUTTER REMOVAL (FT)	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 (FT)	SIDEWALK REMOVAL (SQ FT)	PORTLAND CEMENT CONCRETE SIDEWALK, 5" (SQ FT)	DETECTABLE WARNINGS (SQ FT)
1 MAIN ST. S.W. QUADRANT	14.0	14.0	122.0	126.0	9.0
2 MAIN ST. S.E. QUADRANT			74.0	62.0	8.0
TOTAL =			14.0	14.0	196.0
			FT	FT	SQ FT

NOTES:
ANY EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE ADA PEDESTRIAN RAMPS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO SIDEWALK REMOVAL OPERATIONS.
ALL DISTURBED EARTH ADJACENT TO THE PROPOSED ADA PEDESTRIAN RAMPS SHALL BE RESTORED BY GRADING THE EARTH AND APPLYING SEEDING, CLASS 2A AND MULCH, METHOD 2 PER SECTION 250 AND 251 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO PORTLAND CEMENT CONCRETE SIDEWALK, 5".

HOT-MIX ASPHALT SCHEDULE

LOCATION	STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ YD)	HMA SURFACE THICKNESS (INCHES)	X0327996 COLD IN-PLACE RECYCLING, 3" (SQ YD)	44000155 HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2" (SQ YD)	X4401198 HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH (SQ YD)	35800100 PREPARATION OF BASE (SQ YD)	X4200001 CIR-FDR EMULSIFIED ASPHALT (GALLON)	40600290 BITUMINOUS MATERIAL TACK COAT (POUND)	40604050 HOT-MIX ASPHALT IL 9.5 MIX "C", N50 (TON)
FAS 522	RT.	0+13.50	0+58.00	44.50	18.80	92.96	1.5		92.96				41.83	7.81
FAS 522	RT.	0+58.00	5+65.00	507.00	11.00	619.67	1.5	619.67				743.60	278.85	52.05
FAS 522	RT.	0+88.00	5+65.00	477.00	11.00	583.00				583.00				
FAS 522	RT.	5+65.00	5+95.63	30.63	13.70	46.63	1.5						20.98	3.92
FAS 522	RT.	6+05.37	6+40.00	34.63	15.00	57.72	1.5						25.97	4.85
FAS 522	RT.	6+40.00	70+39.00	6399.00	11.00	7821.00	1.5	7821.00		7821.00		9385.20	3519.45	656.96
FAS 522	RT.	70+39.00	71+17.05	78.05	14.00	121.41	1.5						54.64	10.20
FAS 522	RT.	71+45.38	72+21.00	75.62	9.80	82.34	1.5						37.05	6.92
FAS 522	RT.	72+21.00	217+17.50	14496.50	11.00	17717.94	1.5	17717.94				21261.53	7973.08	1488.31
FAS 522	RT.	72+21.00	216+72.50	14451.50	11.00	17662.94				17662.94				
FAS 522	LT.	0+13.50	0+58.00	44.50	23.60	116.69	1.5		116.69		16.00		52.51	9.80
FAS 522	LT.	0+58.00	5+65.00	507.00	11.00	619.67	1.5	619.67				743.60	278.85	52.05
FAS 522	LT.	0+88.00	5+65.00	477.00	11.00	583.00				583.00				
FAS 522	LT.	5+65.00	5+95.63	30.63	14.00	47.65	1.5						21.44	4.00
FAS 522	LT.	6+05.37	6+40.00	34.63	12.50	48.10	1.5						21.64	4.04
FAS 522	LT.	6+40.00	70+39.00	6399.00	11.00	7821.00	1.5	7821.00		7821.00		9385.20	3519.45	656.96
FAS 522	LT.	70+39.00	71+17.05	78.05	9.30	80.65	1.5						36.29	6.77
FAS 522	LT.	71+45.38	72+21.00	75.62	13.60	114.27	1.5						51.42	9.60
FAS 522	LT.	72+21.00	217+17.50	14496.50	11.00	17717.94	1.5	17717.94				21261.53	7973.08	1488.31
FAS 522	LT.	72+21.00	216+72.50	14451.50	11.00	17662.94				17662.94				
TOTAL =								52317.22	209.64	52133.89	16.00	62780.67	23906.53	4462.55
USE =								52318.00	210.00	52134.00	16.00	62781.00	23907.00	4463.00
								SQ YD	SQ YD	SQ YD	SQ YD	GALLON	POUND	TON

ADDITIONAL QUANTITIES FOR PAY ITEM 35800100 ARE LOCATED ON SHEET 10.
ADDITIONAL QUANTITIES FOR PAY ITEM 40600290 ARE LOCATED ON SHEET 8.

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SCHEDULE OF QUANTITIES

SHEET 2 OF 5

70300100 SHORT TERM PAVEMENT MARKING

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

				70300100				70300150
LOCATION	STATION	TO	STATION	QUANTITY (FT)	APPLY AFTER	COLOR	QUANTITY (SQ FT)	
C.L. SKIP-DASH	0+13.50		5+95.63	192.00	MILLING & HMA SURFACE	YELLOW	21.33	
STOP BAR / RT.	5+82.00			132.00	MILLING & HMA SURFACE	WHITE	22.00	
STOP BAR / LT.	6+16.50			132.00	MILLING & HMA SURFACE	WHITE	22.00	
C.L. SKIP-DASH	6+05.37		71+17.05	1968.00	MILLING & HMA SURFACE	YELLOW	218.67	
STOP BAR / RT.	70+74.00			132.00	MILLING & HMA SURFACE	WHITE	22.00	
STOP BAR / LT.	71+96.50			132.00	MILLING & HMA SURFACE	WHITE	22.00	
C.L. SKIP-DASH	71+45.38		217+17.50	4392.00	MILLING & HMA SURFACE	YELLOW	488.00	
TOTAL =				7080.00				TOTAL = 816.00
USE =				7080.00				USE = 816.00
				FT				SQ FT

SHORT TERM PAVEMENT MARKINGS FOR STOP BARS ON EACH SIDE OF THE RAILROAD TRACKS CONSIST OF 6 EACH - 4" LINES. SHORT TERM PAVEMENT MARKINGS WILL BE REMOVED FROM THE FINAL SURFACE ONLY.

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	QUANTITY (SQ YD)
FAS 522	RT.	0+58.00	0+88.00	30.00	11.00	36.67
FAS 522	RT.	5+65.00	5+95.63	30.63	13.70	46.63
FAS 522	RT.	6+05.37	6+40.00	34.63	15.00	57.72
FAS 522	RT.	70+39.00	71+17.05	78.05	14.00	121.41
FAS 522	RT.	71+45.38	72+21.00	75.62	9.80	82.34
FAS 522	RT.	216+72.50	217+17.50	45.00	11.00	55.00
FAS 522	LT.	0+58.00	0+88.00	30.00	11.00	36.67
FAS 522	LT.	5+65.00	5+95.63	30.63	14.00	47.65
FAS 522	LT.	6+05.37	6+40.00	34.63	12.50	48.10
FAS 522	LT.	70+39.00	71+17.05	78.05	9.30	80.65
FAS 522	LT.	71+45.38	72+21.00	75.62	13.60	114.27
FAS 522	LT.	216+72.50	217+17.50	45.00	11.00	55.00
TOTAL =						782.09
USE =						783.00

40600370 LONGITUDINAL JOINT SEALANT

				40600370	40600290
LOCATION	STATION	TO	STATION	LONGITUDINAL JOINT SEALANT (FT)	BITUMINOUS MATERIAL TACK COAT (POUND)
CENTERLINE	0+13.50		5+95.63	582.13	43.66
CENTERLINE	6+05.37		71+17.05	6511.68	488.38
CENTERLINE	71+45.38		217+17.50	14572.12	1092.91
TOTAL =				21665.93	1624.94
USE =				21666.00	1625.00
				FT	POUND

NOTE:
LONGITUDINAL JOINT SEALANT SHALL BE USED AT ALL HMA MAINLINE PAVING JOINTS. PRIOR TO THE PLACEMENT OF THE LONGITUDINAL JOINT SEALANT A BITUMINOUS MATERIAL TACK COAT SHALL BE APPLIED.

ADDITIONAL QUANTITIES FOR PAY ITEM 40600290 ARE LOCATED ON SHEET 7.

40600990 TEMPORARY RAMP

LOCATION	STATION	TO	STATION	DROP (INCH)	LENGTH (FT)	WIDTH (FT)	QUANTITY (SQ YD)	CONSTRUCT AFTER:
FAS 522	RT.	0+13.50	0+15.50	1.50	2.00	36.00	8.00	MILLING
FAS 522	RT.	5+90.63	5+95.63	1.50	5.00	14.00	7.78	MILLING
FAS 522	RT.	6+05.37	6+10.37	1.50	5.00	14.00	7.78	MILLING
FAS 522	RT.	71+12.05	71+17.05	1.50	5.00	33.50	18.61	MILLING
FAS 522	RT.	71+45.38	71+50.38	1.50	5.00	33.50	18.61	MILLING
FAS 522	RT.	217+12.50	217+17.50	1.50	5.00	11.00	6.11	MILLING
FAS 522	LT.	0+13.50	0+15.50	1.50	2.00	56.00	12.44	MILLING
FAS 522	LT.	5+92.64	5+97.64	1.50	5.00	14.00	7.78	MILLING
FAS 522	LT.	6+03.36	6+08.36	1.50	5.00	14.00	7.78	MILLING
FAS 522	LT.	71+12.05	71+17.05	1.50	5.00	33.50	18.61	MILLING
FAS 522	LT.	71+45.38	71+50.38	1.50	5.00	33.50	18.61	MILLING
FAS 522	LT.	217+12.50	217+17.50	1.50	5.00	11.00	6.11	MILLING
BYRON ST.	RT.	4+15.00		1.50	2.00	22.00	4.89	MILLING
RAILROAD ST.	RT.	6+60.00		1.50	2.00	19.00	4.22	MILLING
VICTORY ST.	RT.	11+77.10		1.50	2.00	22.00	4.89	MILLING
900 N.	LT.	53+62.50		1.50	2.00	21.00	4.67	MILLING
900 N.	RT.	53+74.00		1.50	2.00	25.00	5.56	MILLING
800 N.	LT.	107+21.00		1.50	2.00	17.00	3.78	MILLING
800 N.	RT.	107+22.00		1.50	2.00	17.00	3.78	MILLING
700 N.	LT.	160+69.10		1.50	2.00	20.00	4.44	MILLING
700 N.	RT.	160+70.40		1.50	2.00	19.00	4.22	MILLING
600 N.	LT.	214+26.60		1.50	2.00	19.00	4.22	MILLING
600 N.	RT.	214+29.30		1.50	2.00	46.00	10.22	MILLING
TOTAL =							193.11	
USE =							194.00	
							SQ YD	

48101200 AGGREGATE SHOULDERS, TYPE B

LOCATION	STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AVE. DEPTH (INCHES)	48101200 QUANTITY TON
FAS 522	RT.	0+58.00	4+15.00	357.00	4.00	2.25	17.85
FAS 522	RT.	4+15.00	5+86.70	171.70	4.00	2.25	8.59
FAS 522	RT.	6+16.70	6+60.00	43.30	2.00	2.25	1.08
FAS 522	RT.	6+60.00	11+77.10	517.10	4.00	2.25	25.86
FAS 522	RT.	11+77.10	53+74.00	4195.90	4.00	2.25	209.85
FAS 522	RT.	53+74.00	71+42.50	1763.50	4.00	2.25	88.43
FAS 522	RT.	71+93.30	107+22.00	3523.70	4.00	2.25	176.44
FAS 522	RT.	107+22.00	160+70.40	5343.40	4.00	2.25	267.42
FAS 522	RT.	160+70.40	214+29.30	5353.90	4.00	2.25	267.95
FAS 522	RT.	214+29.30	217+17.50	283.20	4.00	2.25	14.41
FAS 522	LT.	0+48.10	5+80.90	532.80	4.00	2.25	26.64
FAS 522	LT.	6+11.50	53+62.40	4753.90	4.00	2.25	237.55
FAS 522	LT.	53+62.40	70+78.00	1715.60	4.00	2.25	85.78
FAS 522	LT.	71+18.50	107+21.00	3602.50	4.00	2.25	180.13
FAS 522	LT.	107+21.00	160+69.10	5343.10	4.00	2.25	267.41
FAS 522	LT.	160+69.10	214+26.60	5357.50	4.00	2.25	267.88
FAS 522	LT.	214+26.60	217+17.50	290.90	4.00	2.25	14.55
TOTAL =							2157.77
USE =							2158.00
							TON

NOTE:
AT SIDEROADS THE AGGREGATE SHOULDER SHALL BE PLACED AROUND THE RADIUS AT A 2FT WIDTH.

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USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	8
CONTRACT NO. 90868				
ILLINOIS		FED. AID PROJECT		

SCHEDULE OF QUANTITIES

SHEET 3 OF 5

INCIDENTAL HOT-MIX ASPHALT SCHEDULE

STATION	DESCRIPTION	EXISTING AREA (SQ YD)	PROPOSED AREA (SQ YD)	INCIDENTAL HMA THICKNESS (AVERAGE) (INCHES)	X4400196 HMA SURFACE REMOVAL, SPECIAL (SQ YD)	40600985 PCC SURFACE REMOVAL, BUTT JOINT (SQ YD)	44000200 DRIVEWAY PAVEMENT REMOVAL (SQ YD)	35101800 AGG BASE COURSE TYPE B, 6" (SQ YD)	35800100 PREPARATION OF BASE (SQ YD)	40800025 BITUMINOUS MATERIALS PRIME COAT (POUND)	40800029 BITUMINOUS MATERIALS TACK COAT (POUND)	40800050 INCIDENTAL HMA SURFACING (TON)	COMMENTS
RT.	0+91.50	20' P.E.		44.00				51.00		99.00		7.39	ADD APRON 12 FT FROM EOP
LT.	1+41.50	M.B.T.O.		31.00				40.00		69.75		5.21	ADD APRON 6 FT FROM EOP
RT.	1+85.00	12' P.E.	32.00	32.00	1.50		32.00				14.40	2.69	12 FT FROM EOP
RT.	2+13.00	20' P.E.	43.00	43.00	1.50		43.00				19.35	3.61	12 FT FROM EOP
LT.	2+61.50	M.B.T.O.	25.00	31.00	1.66			16.00		13.50	11.25	2.88	6 FT FROM EOP
RT.	3+06.50	12' P.E.	34.00	34.00	1.50		34.00				15.30	2.86	12 FT FROM EOP
RT.	4+15.00	BYRON ST.	99.00	99.00	1.50		99.00				44.55	8.32	24 FT FROM EOP ALONG C.L.
LT.	4+16.00	24' C.E.	69.00	69.00	1.50		69.00				31.05	5.80	12 FT FROM EOP
LT.	5+09.00	UTILITY STRUCTURE	44.00	47.00	1.55		44.00		3.00	6.75	19.80	4.08	8 FT FROM EOP
RT.	6+60.00	RAILROAD ST.	99.00	99.00	1.50		99.00				44.55	8.32	29 FT FROM EOP ALONG C.L.
RT.	8+84.50	12' P.E.	35.00	35.00	1.50		35.00				15.75	2.94	12 FT FROM EOP
LT.	8+84.50	M.B.T.O.		31.00	3.00			40.00		69.75		5.21	ADD APRON 6 FT FROM EOP
RT.	10+77.00	12' P.E.	35.00	35.00	1.50		35.00				15.75	2.94	12 FT FROM EOP
RT.	11+77.10	VICTORY ST.	96.00	107.00	1.58		96.00		11.00	24.75	43.20	9.48	24 FT FROM EOP ALONG C.L.
RT.	12+73.00	12' P.E.	35.00	35.00	1.50		35.00				15.75	2.94	12 FT FROM EOP
LT.	12+78.00	M.B.T.O.		57.00	3.00			68.00		128.25		9.58	ADD APRON 6 FT FROM EOP
RT.	13+95.00	22' P.E.	39.00	42.00	1.56		39.00		3.00	6.75	17.55	3.66	12 FT FROM EOP
LT.	13+96.00	M.B.T.O.		72.00	3.00			84.00		162.00		12.10	ADD APRON 6 FT FROM EOP
RT.	14+88.80	22' P.E.	39.00	42.00	1.56		39.00		3.00	6.75	17.55	3.66	12 FT FROM EOP
LT.	14+94.00	M.B.T.O.		60.00	3.00			70.00		135.00		10.08	ADD APRON 6 FT FROM EOP
LT.	15+74.00	M.B.T.O.		61.00	3.00			71.00		137.25		10.25	ADD APRON 6 FT FROM EOP
RT.	15+83.00	24' P.E.		44.00	3.00			51.00		99.00		7.39	ADD APRON 12 FT FROM EOP
LT.	16+76.00	M.B.T.O.		48.00	3.00			58.00		108.00		8.06	ADD APRON 6 FT FROM EOP
RT.	16+85.50	24' P.E.		44.00	3.00			51.00		99.00		7.39	ADD APRON 12 FT FROM EOP
LT.	18+13.50	M.B.T.O.		41.00	3.00			49.00		92.25		6.89	ADD APRON 6 FT FROM EOP
RT.	18+30.00	24' P.E.		44.00	3.00			51.00		99.00		7.39	ADD APRON 12 FT FROM EOP
LT.	18+82.00	M.B.T.O.		37.00	3.00			45.00		83.25		6.22	ADD APRON 6 FT FROM EOP
RT.	18+82.50	24' P.E.	44.00	45.00	1.52		44.00		1.00	2.25	19.80	3.82	12 FT FROM EOP
RT.	20+01.00	16' P.E.	39.00	40.00	1.50		39.00		1.00	2.25	17.55	3.36	12 FT FROM EOP
LT.	20+05.00	M.B.T.O.	31.00	31.00	1.50						13.95	2.60	6 FT FROM EOP
RT.	23+06.50	16' P.E.	15.00	39.00	2.17			31.00		54.00	6.75	4.73	12 FT FROM EOP
LT.	26+76.00	36' F.E.	16.00	25.00	1.83			12.00		20.25	7.20	2.56	4 FT FROM EOP
RT.	29+00.00	20' C.E.	24.00	50.00	2.03			34.00		58.50	10.80	5.68	12 FT FROM EOP
LT.	39+35.50	14' F.E.		16.00	3.00			20.00		36.00		2.69	ADD APRON 4 FT FROM EOP
RT.	39+36.50	18' F.E.		17.00	3.00			23.00		38.25		2.86	ADD APRON 4 FT FROM EOP
RT.	40+17.00	18' F.E.	12.00	17.00	1.76			11.00		11.25	5.40	1.67	4 FT FROM EOP
LT.	43+28.80	14' P.E. W/ M.B.T.O.	42.00	70.00	1.88		42.00	33.00		63.00	18.90	7.35	12 FT & 8 FT FROM EOP
LT.	53+62.40	900 N	116.00	137.00	1.62		116.00		21.00	47.25	52.20	12.46	34 FT FROM EOP ALONG C.L.
RT.	53+74.00	900 N	152.00	160.00	1.54		152.00		8.00	18.00	68.40	13.78	34 FT FROM EOP ALONG C.L.
LT.	55+63.00	20' F.E.	16.00	17.00	1.55				1.00	2.25	7.20	1.47	4 FT FROM EOP
RT.	63+00.00	20' F.E.	15.00	18.00	1.64				3.00	6.75	6.75	1.65	4 FT FROM EOP
RT.	73+37.00	M.B.T.O.		41.00	3.00			50.00		92.25		6.89	ADD APRON 8 FT FROM EOP
LT.	73+72.00	12' P.E.		39.00	3.00				39.00	87.75		6.55	ADD APRON 12 FT FROM EOP
RT.	74+37.00	20' F.E.	17.00	18.00	1.50				1.00	2.25	7.65	1.51	4 FT FROM EOP
RT.	77+07.50	M.B.T.O.	30.00	41.00	1.73			17.00		24.75	13.50	3.98	8 FT FROM EOP
LT.	77+14.00	16' C.E.	45.00	45.00	1.50						20.25	3.78	8.75 FT FROM EOP
RT.	81+02.50	14' F.E.		16.00	3.00			20.00		36.00		2.69	ADD APRON 4 FT FROM EOP
RT.	82+17.00	18' C.E.	41.00	42.00	1.52		41.00		1.00	2.25	18.45	3.57	12 FT FROM EOP / REMOVE MBTO
RT.	82+92.00	18' F.E.	14.00	17.00	1.65				3.00	6.75	6.30	1.57	4 FT FROM EOP
LT.	89+73.00	28' F.E.		22.00	3.00			28.00		49.50		3.70	ADD APRON 4 FT FROM EOP

SUB-TOTAL #1 = 1133.00 45.00 28.00 1024.00 99.00 2101.50 626.85 268.23

(CONTINUED ON NEXT SHEET)

EOP = EDGE OF PAVEMENT
C.L. = CENTERLINE
MBTO = MAILBOX TURNOUT

MODEL: I:\MODEL\MHFS
FILE: MHFS_Plan\IUCR-Paw-beadley.com\FWINDOT\Documents\DOT_Offices\Dir\dir_5\Project\508686\CD\Drawings\508686-sh-c-sched.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	9
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SHEET 4 OF 5

INCIDENTAL HOT-MIX ASPHALT SCHEDULE (CONTINUED)

STATION	DESCRIPTION	EXISTING AREA (SQ YD)	PROPOSED AREA (SQ YD)	INCIDENTAL HMA THICKNESS (AVERAGE) (INCHES)	X4400196	40600985	44000200	35101800	35800100	40800025	40800029	40800050	COMMENTS
					HMA SURFACE REMOVAL, SPECIAL (SQ YD)	PCC SURFACE REMOVAL, BUTT JOINT (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	AGG BASE COURSE TYPE B, 6" (SQ YD)	PREPARATION OF BASE (SQ YD)	BITUMINOUS MATERIALS PRIME COAT (POUND)	BITUMINOUS MATERIALS TACK COAT (POUND)	INCIDENTAL HMA SURFACING (TON)	
LT. 93+17.00	18' F.E.	14.00	17.00	1.65					3.00	6.75	6.30	1.57	4 FT FROM EOP
RT. 97+36.00	20' F.E.	15.00	18.00	1.64					3.00	6.75	6.75	1.65	4 FT FROM EOP
LT. 107+21.00	800 N	113.00	113.00	1.50	113.00						50.85	9.49	31 FT FROM EOP ALONG C.L.
RT. 107+22.00	800 N	112.00	117.00	1.53	112.00				5.00	11.25	50.40	10.04	31 FT FROM EOP ALONG C.L.
RT. 108+56.00	20' F.E.	24.00					24.00						REMOVE APRON
LT. 113+94.00	20' F.E.	16.00	18.00	1.59					2.00	4.50	7.20	1.60	4 FT FROM EOP
RT. 120+66.00	18' F.E.	14.00	17.00	1.65					3.00	6.75	6.30	1.57	4 FT FROM EOP
LT. 122+80.00	24' F.E.	16.00	20.00	1.67					4.00	9.00	7.20	1.87	4 FT FROM EOP
RT. 131+94.00	24' C.E.	45.00	50.00	1.50	45.00		24.00		5.00	11.25	20.25	4.20	12 FT FROM EOP / REMOVE MBTO
LT. 132+31.00	30' F.E.	13.00	23.00	1.92				17.00		22.50	5.85	2.47	4 FT FROM EOP
LT. 140+57.50	20' F.E.	13.00	18.00	1.74					5.00	11.25	5.85	1.76	4 FT FROM EOP
RT. 145+26.50	34' F.E.	20.00	24.00	1.64					4.00	9.00	9.00	2.20	4 FT FROM EOP
RT. 157+95.50	18' F.E.	10.00	17.00	1.89				13.00		15.75	4.50	1.80	4 FT FROM EOP
RT. 158+48.00	16' P.E.	40.00	40.00	1.50	40.00						18.00	3.36	12 FT FROM EOP
LT. 160+69.10	700 N	112.00	111.00	1.50	112.00						49.95	9.32	29 FT FROM EOP ALONG C.L.
RT. 160+70.40	700 N	106.00	103.00	1.50	106.00						46.35	8.65	29 FT FROM EOP ALONG C.L.
RT. 161+56.00	14' P.E.	33.00	36.00	1.57	33.00				3.00	6.75	14.85	3.16	12 FT FROM EOP
RT. 162+46.00	20' F.F.	13.00	18.00	1.74					5.00	11.25	5.85	1.76	4 FT FROM EOP
RT. 163+60.00	20' F.E.	15.00	18.00	1.64					3.00	6.75	6.75	1.65	4 FT FROM EOP
LT. 169+63.00	20' F.E.	17.00	18.00	1.54					1.00	2.25	7.65	1.56	4 FT FROM EOP
RT. 174+09.00	20' F.E.	12.00	18.00	1.80				13.00		13.50	5.40	1.81	4 FT FROM EOP
LT. 174+29.00	20' F.E.	14.00	18.00	1.69					4.00	9.00	6.30	1.70	4 FT FROM EOP
RT. 179+15.00	18' F.E.	16.00	17.00	1.55					1.00	2.25	7.20	1.47	4 FT FROM EOP
LT. 187+46.60	46' F.E.	23.00	30.00	1.70					7.00	15.75	10.35	2.85	4 FT FROM EOP
RT. 187+63.00	18' P.E.	42.00	42.00	1.50	42.00		28.00				18.90	3.53	12 FT FROM EOP / REMOVE MBTO
RT. 189+21.00	14' P.E. W/ M.B.T.O.		59.00	3.00				68.00		132.75		9.91	ADD APRON 12 FT & 8 FT FROM EOP
RT. 194+03.50	20' F.E.	14.00	18.00	1.69					4.00	9.00	6.30	1.70	4 FT FROM EOP
LT. 199+81.00	14' P.E.	41.00	41.00	1.50	41.00						18.45	3.44	12 FT FROM EOP
RT. 199+86.00	M.B.T.O.	35.00	41.00	1.62					6.00	13.50	15.75	3.72	8 FT FROM EOP
RT. 200+79.00	20' F.E.	15.00	18.00	1.64					3.00	6.75	6.75	1.65	4 FT FROM EOP
RT. 202+47.00	16' P.E. W/ M.B.T.O.	63.00	65.00	1.52	63.00				2.00	4.50	28.35	5.55	12 FT & 8 FT FROM EOP
LT. 214+26.60	600 N	109.00	117.00	1.55	109.00				8.00	18.00	49.05	10.18	29 FT FROM EOP ALONG C.L.
RT. 214+29.30	600 N	272.00	272.00	1.50	272.00						122.40	22.85	29 FT FROM EOP ALONG C.L.
SUB-TOTAL #2 =					1088.00	0.00	76.00	111.00	81.00	366.75	625.05	140.02	EOP = EDGE OF PAVEMENT
SUB-TOTAL #1 =					1133.00	45.00	28.00	1024.00	99.00	2101.50	626.85	268.23	C.L. = CENTERLINE
TOTAL =					2221.00	45.00	104.00	1135.00	180.00	2468.25	1251.90	408.25	MBTO = MAILBOX TURNOUT
USE =					2221.00	45.00	104.00	1135.00	180.00	2469.00	1252.00	409.00	
					SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	POUND	TON	

NOTE:
ADDITIONAL QUANTITIES FOR PAY ITEM 35800100 ARE LOCATED ON SHEET 7.

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	DRAWN -	REVISED -
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PLOT DATE = 12/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	10
CONTRACT NO. 90868				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SHEET 5 OF 5

78001110 PAINT PAVEMENT MARKING - LINE 4"

70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT

Table with columns: LOCATION, STATION, TO, STATION, QUANTITY (78001110), QUANTITY (70300221), COLOR. Includes rows for SKIP DASH, DOUBLE NO PASS, NO PASS, EOP, and TOTAL/USE.

78100100 RAISED REFLECTIVE PAVEMENT MARKER

Table with columns: LOCATION, STATION, TO, STATION, LENGTH (FT), QUANTITY (EACH). Includes rows for SKIP DASH, DOUBLE NO PASS, and TOTAL/USE.

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"

70300281 TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT

Table with columns: LOCATION, STATION, QUANTITY (78000650), QUANTITY (78011125), QUANTITY (70300281). Includes rows for FAS 522 and TOTAL.

78000100 THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

78011000 GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS

70300211 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT

Table with columns: LOCATION, STATION, SYMBOL, QUANTITY (78000100), QUANTITY (78011000), QUANTITY (70300211). Includes rows for RAILROAD "R" and "X" and TOTAL/USE.

XZ193400 SURVEY MARKER, TYPE 2 (SPECIAL)

Z0070202 SURVEY MARKER VAULT

Table with columns: LOCATION, STATION, OFFSET (FT), TYPE, QUANTITY (XZ193400), QUANTITY (Z0070202). Includes rows for FAS 522 and TOTAL.

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Table with columns: USER NAME, DESIGNED, DRAWN, PLOT SCALE, PLOT DATE, REVISED, CHECKED, DATE.

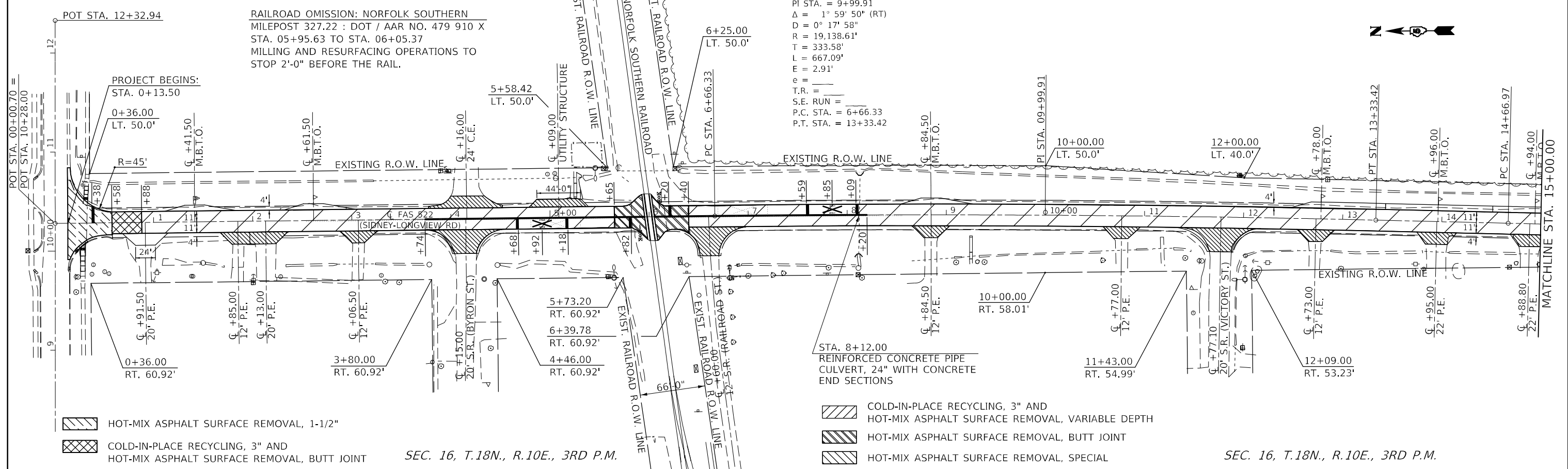
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Table with columns: SCALE, SHEET, OF, SHEETS, STA., TO, STA.

Table with columns: F.A.S. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.

SEC. 15, T.18N., R.10E., 3RD P.M.

SEC. 15, T.18N., R.10E., 3RD P.M.



EXIST. CURVE FAS_522_3
 PI STA. = 9+99.91
 $\Delta = 1^\circ 59' 50''$ (RT)
 $D = 0^\circ 17' 58''$
 $R = 19,138.61'$
 $T = 333.58'$
 $L = 667.09'$
 $E = 2.91'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 6+66.33$
 $P.T. STA. = 13+33.42$

- HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"
- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT

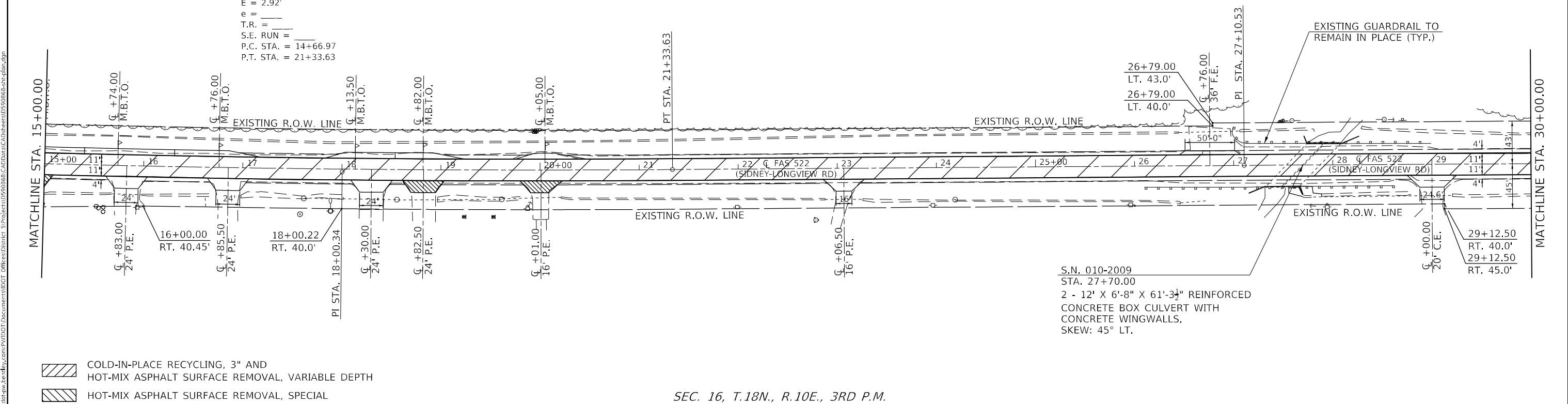
- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC. 16, T.18N., R.10E., 3RD P.M.

SEC. 16, T.18N., R.10E., 3RD P.M.

SEC. 15, T.18N., R.10E., 3RD P.M.

EXIST. CURVE FAS_522_6
 PI STA. = 18+00.34
 $\Delta = 2^\circ 00' 17''$ (LT)
 $D = 0^\circ 18' 03''$
 $R = 19,052.16'$
 $T = 333.36'$
 $L = 666.65'$
 $E = 2.92'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 14+66.97$
 $P.T. STA. = 21+33.63$



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

S.N. 010-2009
 STA. 27+70.00
 2 - 12' X 6'-8" X 61'-3 1/2" REINFORCED CONCRETE BOX CULVERT WITH CONCRETE WINGWALLS.
 SKEW: 45° LT.

SEC. 16, T.18N., R.10E., 3RD P.M.

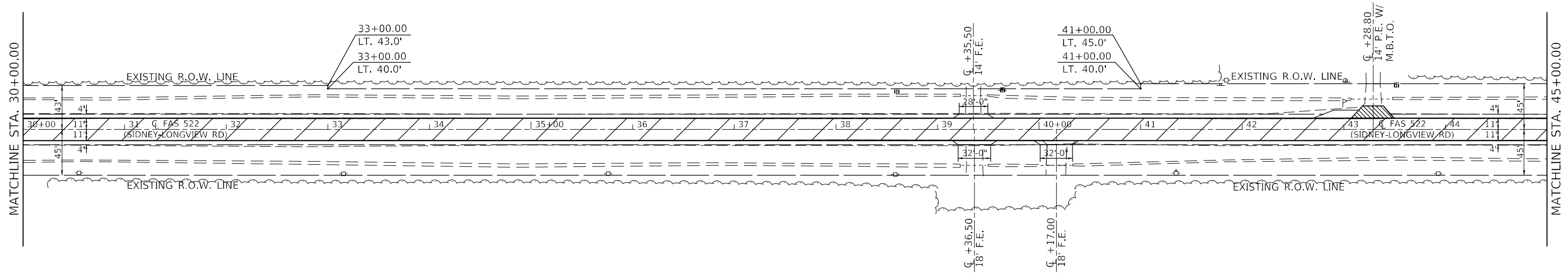
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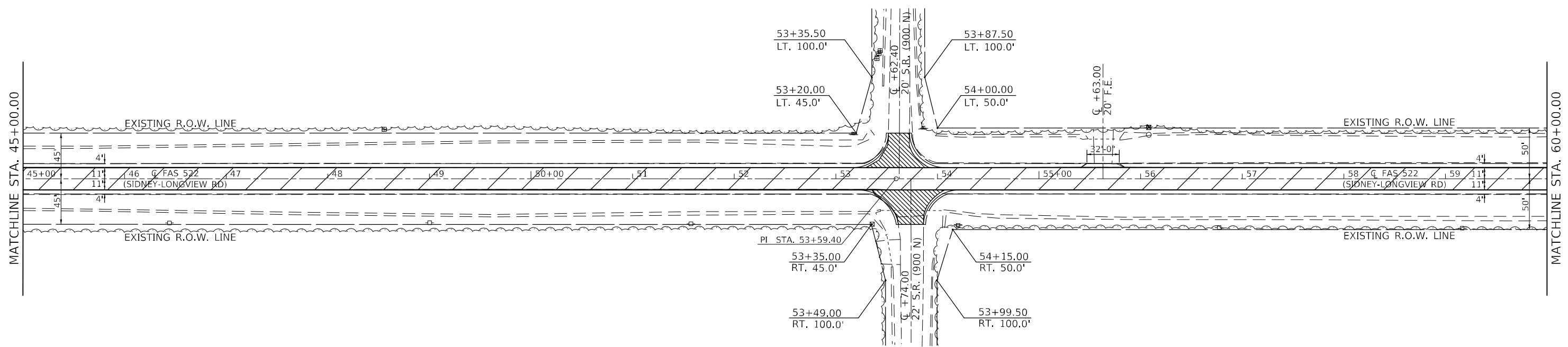
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET			
SCALE: NONE	SHEET 1	OF 8 SHEETS	STA. 0+00.00 TO STA. 30+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	12
CONTRACT NO. 90868				
ILLINOIS FED. AID PROJECT				



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

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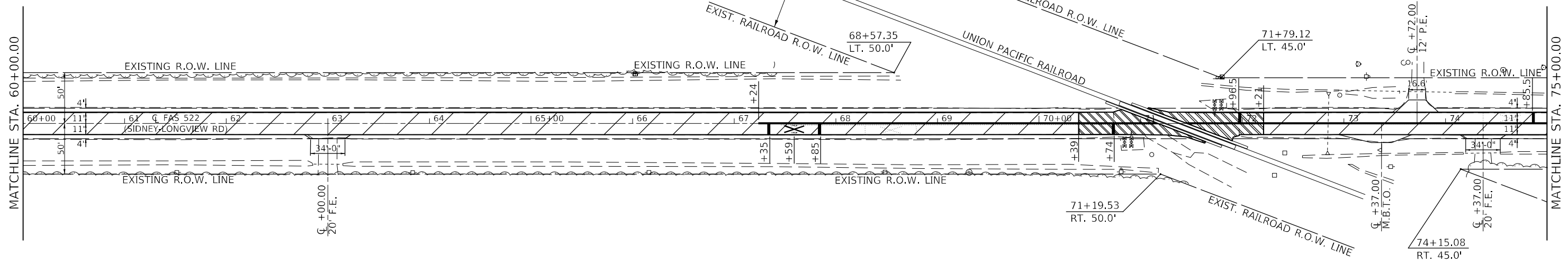
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE: 1" = 50'	SHEET 2 OF 8 SHEETS
STA. 30+00.00	TO STA. 60+00.00

F.A.S. RTE. 522	SECTION (230,236)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 38	SHEET NO. 13
ILLINOIS FED. AID PROJECT			CONTRACT NO. 90868	

SEC. 22, T.18N., R.10E., 3RD P.M.

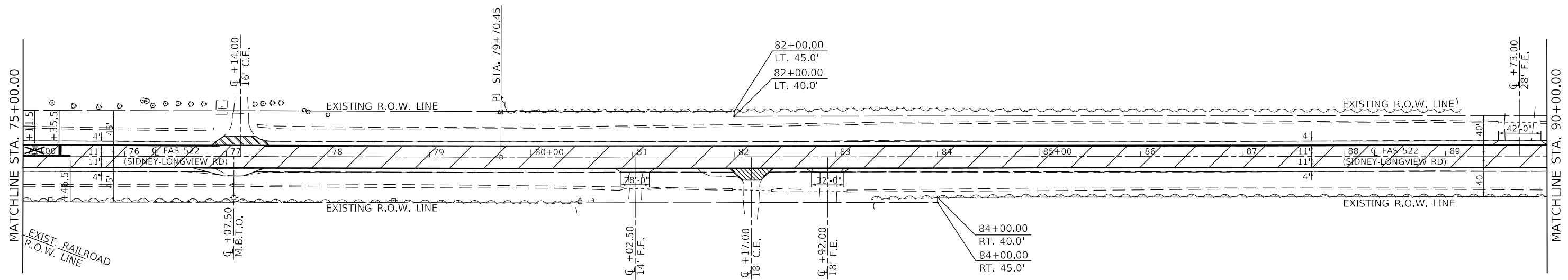
RAILROAD OMISSION:
 UNION PACIFIC
 MILEPOST 133.78
 DOT / AAR NO. 166 904 D
 STA. 71+17.05 TO
 STA. 71+45.38



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC. 21, T.18N., R.10E., 3RD P.M.

SEC. 22, T.18N., R.10E., 3RD P.M.



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL
- PORTLAND CEMENT CONCRETE SURFACE REMOVAL, BUTT JOINT

SEC. 21, T.18N., R.10E., 3RD P.M.

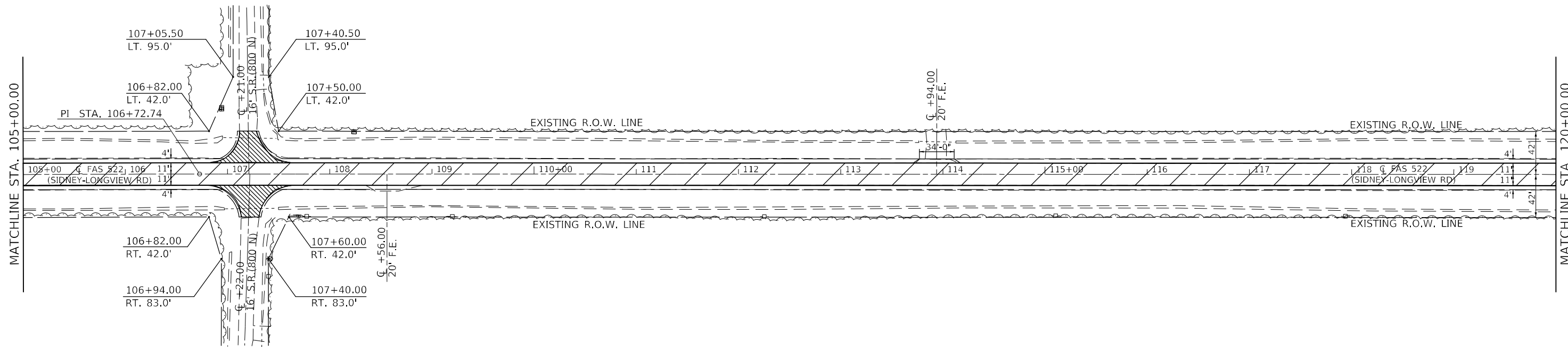
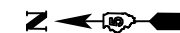
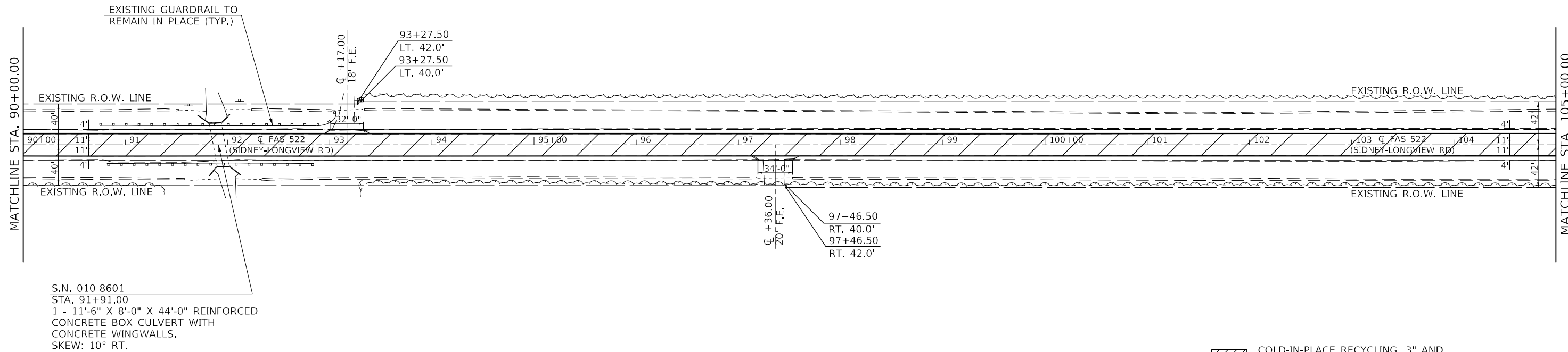
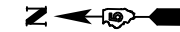
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PLOT DATE = 12/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 1" = 50'	SHEET 3	OF 8 SHEETS	STA. 60+00.00 TO STA. 90+00.00

F.A.S. RTE. 522	SECTION (230,236)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 38	SHEET NO. 14
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				



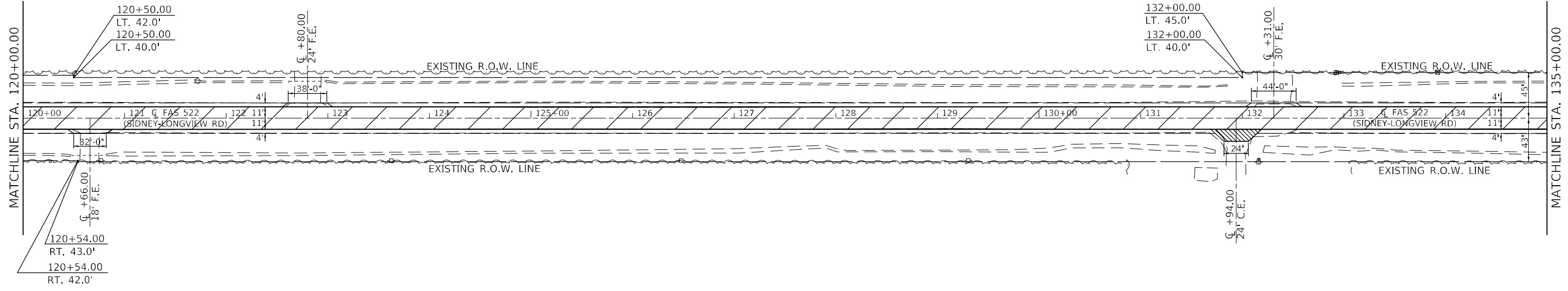
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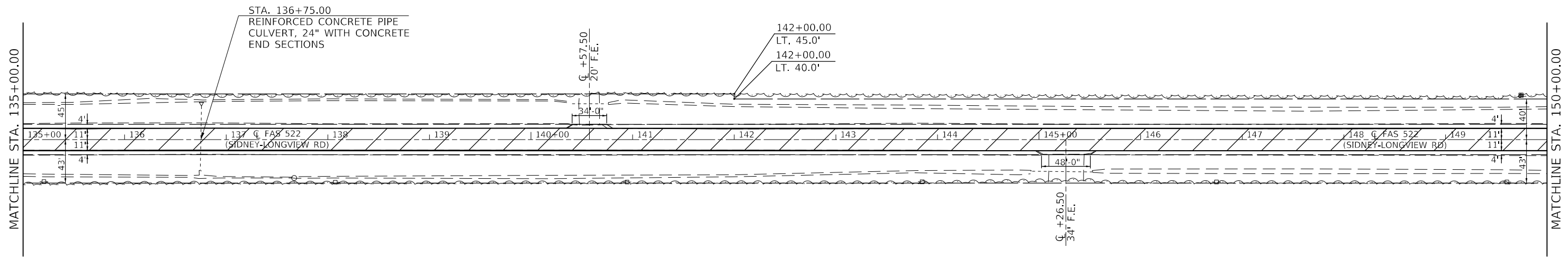
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. 90+00.00 TO STA. 120+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	15
CONTRACT NO. 90868			ILLINOIS FED. AID PROJECT	



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

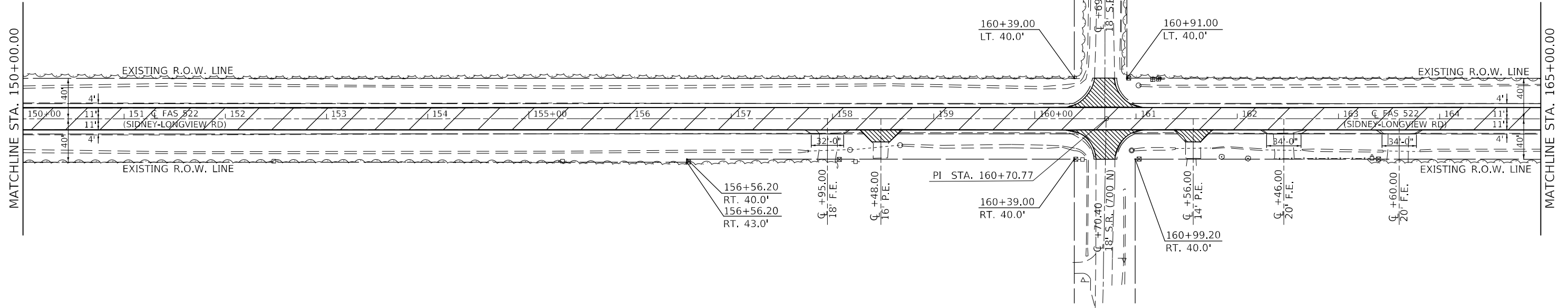
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
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET	
SCALE: 1" = 50'	SHEET 5 OF 8 SHEETS
STA. 120+00.00	TO STA. 150+00.00

F.A.S. RTE. 522	SECTION (230,236)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 38	SHEET NO. 16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 90868	

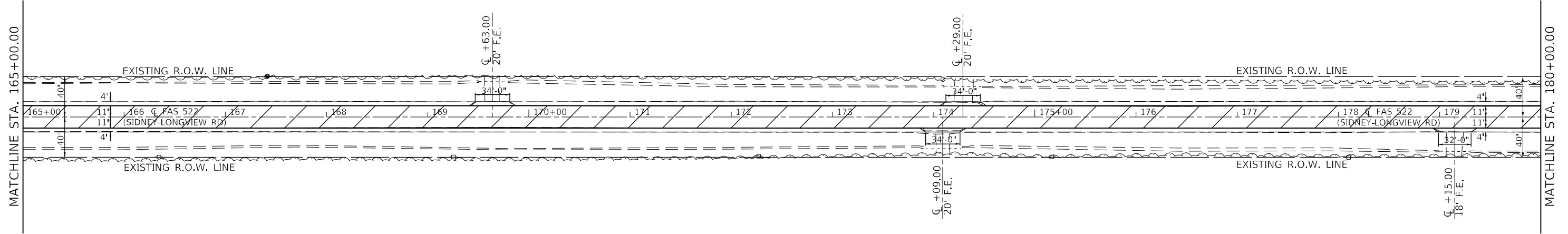




-  COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
-  HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC. 28, T.18N., R.10E., 3RD P.M.

SEC. 33, T.18N., R.10E., 3RD P.M.

SEC. 34, T.18N., R.10E., 3RD P.M.



-  COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
-  HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC. 33, T.18N., R.10E., 3RD P.M.

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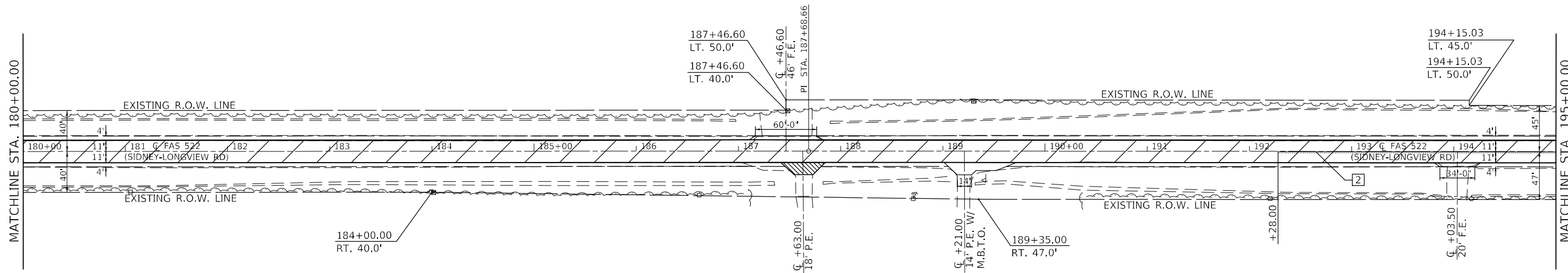
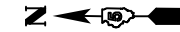
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

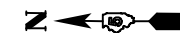
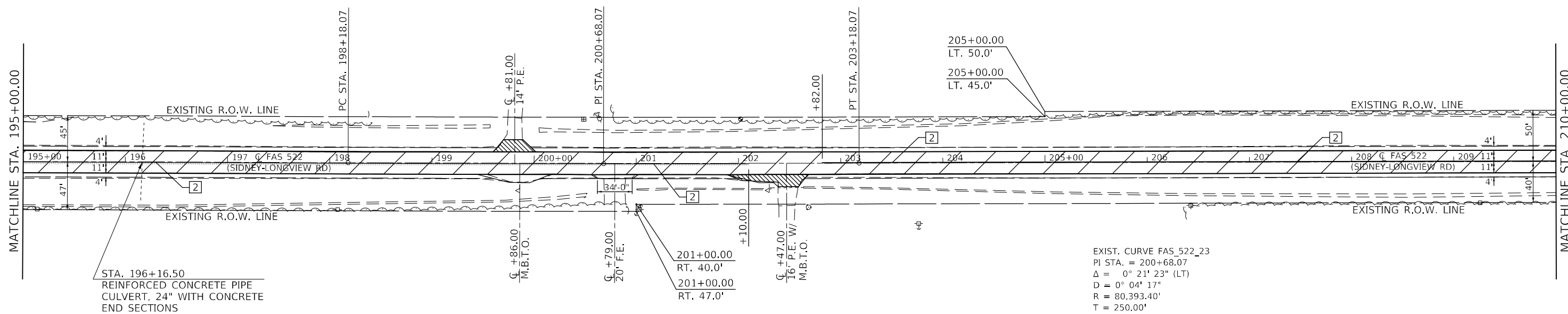
PLAN SHEET

SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. 150+00.00 TO STA. 180+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	17
CONTRACT NO. 90868				
ILLINOIS FED. AID PROJECT				



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL



- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

EXIST. CURVE FAS_522_23
 PI STA. = 200+68.07
 Δ = 0° 21' 23" (LT)
 D = 0° 04' 17"
 R = 80,393.40'
 T = 250.00'
 L = 500.00'
 E = 0.39'
 e = _____
 $T.R.$ = _____
 $S.E. RUN$ = _____
 $P.C. STA.$ = 198+18.07
 $P.T. STA.$ = 203+18.07

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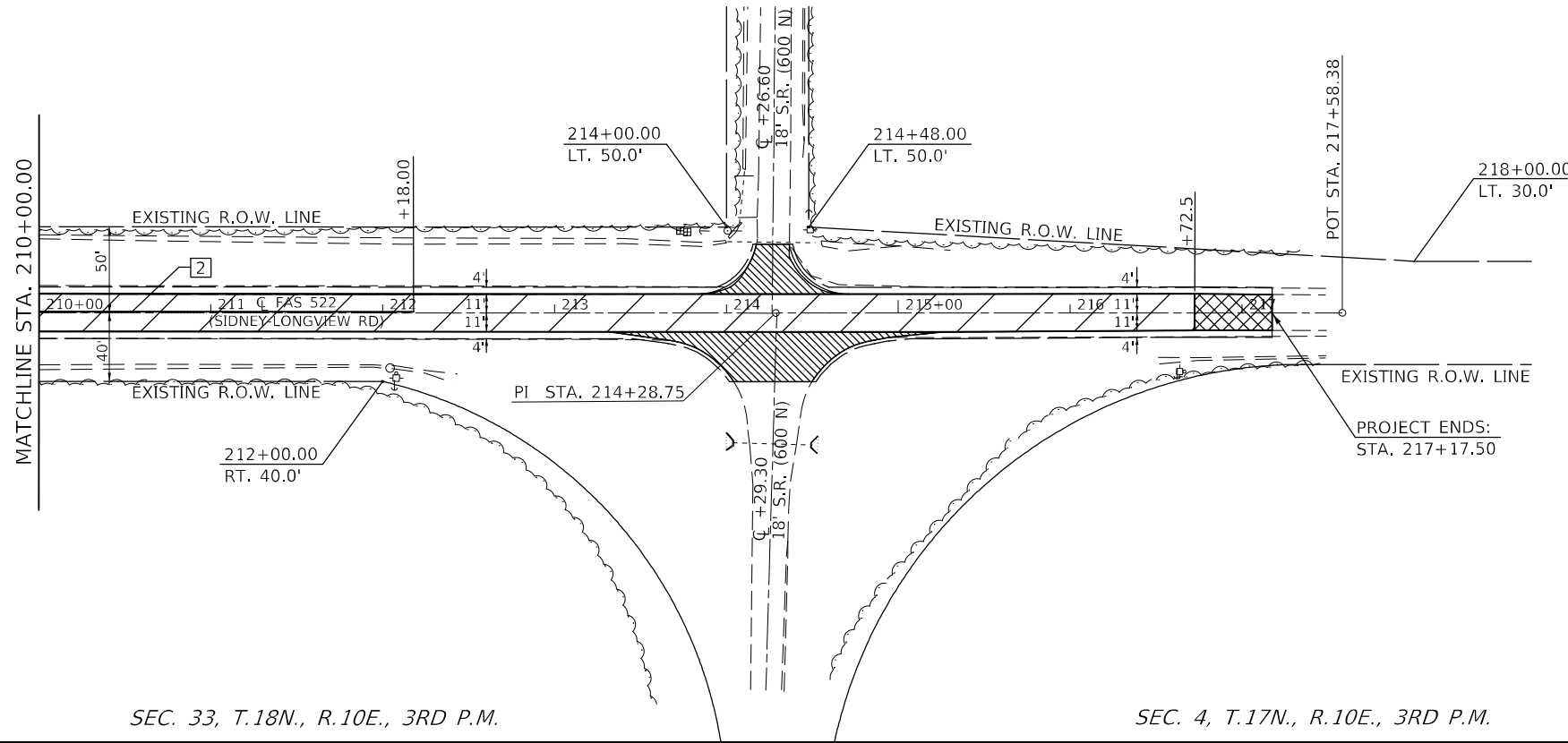
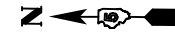
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 1" = 50'	SHEET 7	OF 8 SHEETS	STA. 180+00.00 TO STA. 210+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	18
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

SEC. 34, T.18N., R.10E., 3RD P.M.

SEC. 3, T.17N., R.10E., 3RD P.M.



SEC. 33, T.18N., R.10E., 3RD P.M.

SEC. 4, T.17N., R.10E., 3RD P.M.

- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL
- COLD-IN-PLACE RECYCLING, 3" AND HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 50' SHEET 8 OF 8 SHEETS STA. 210+00.00 TO STA. 217+58.38

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	19
			CONTRACT NO. 90868	
		ILLINOIS	FED. AID PROJECT	

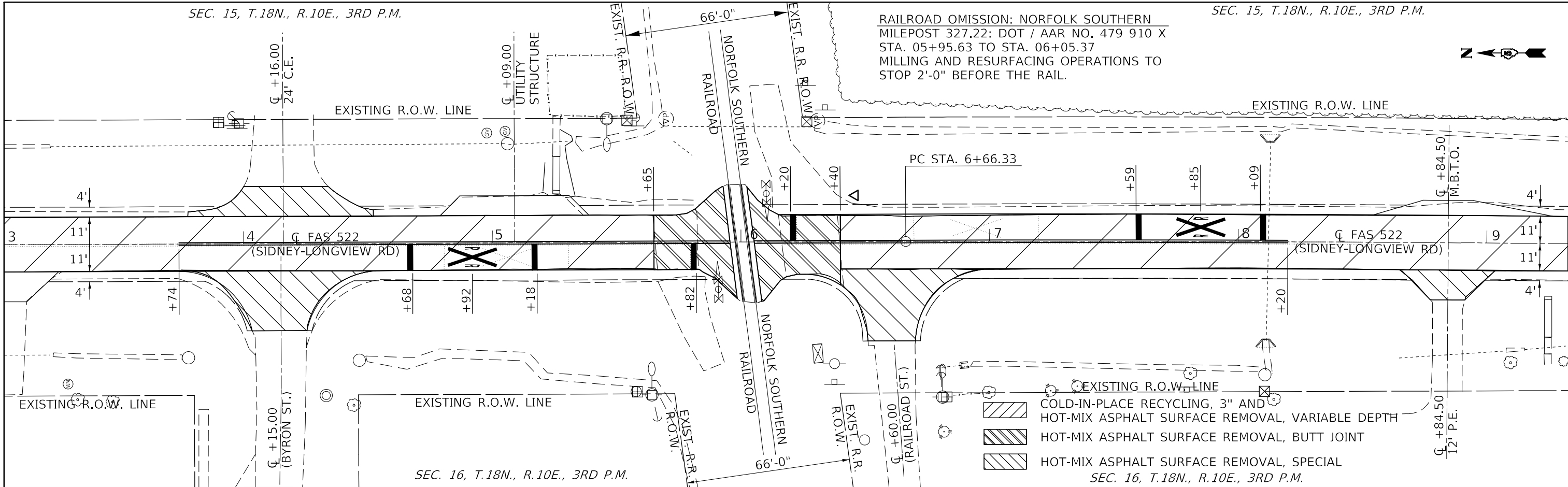
SEC. 15, T.18N., R.10E., 3RD P.M.

SEC. 15, T.18N., R.10E., 3RD P.M.

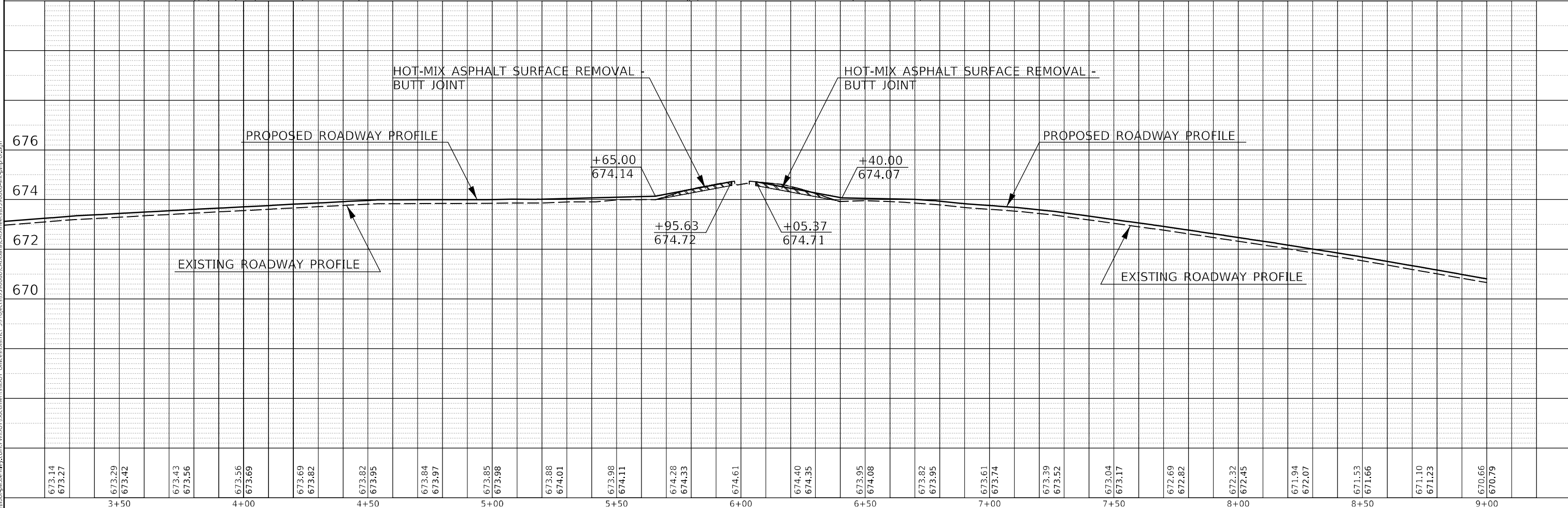
RAILROAD OMISSION: NORFOLK SOUTHERN
 MILEPOST 327.22: DOT / AAR NO. 479 910 X
 STA. 05+95.63 TO STA. 06+05.37
 MILLING AND RESURFACING OPERATIONS TO
 STOP 2'-0" BEFORE THE RAIL.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. _____	
	CADD FILE NAME _____	



PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	NO. _____	
	STRUCTURE	
	NOTATION	
	NO. _____	



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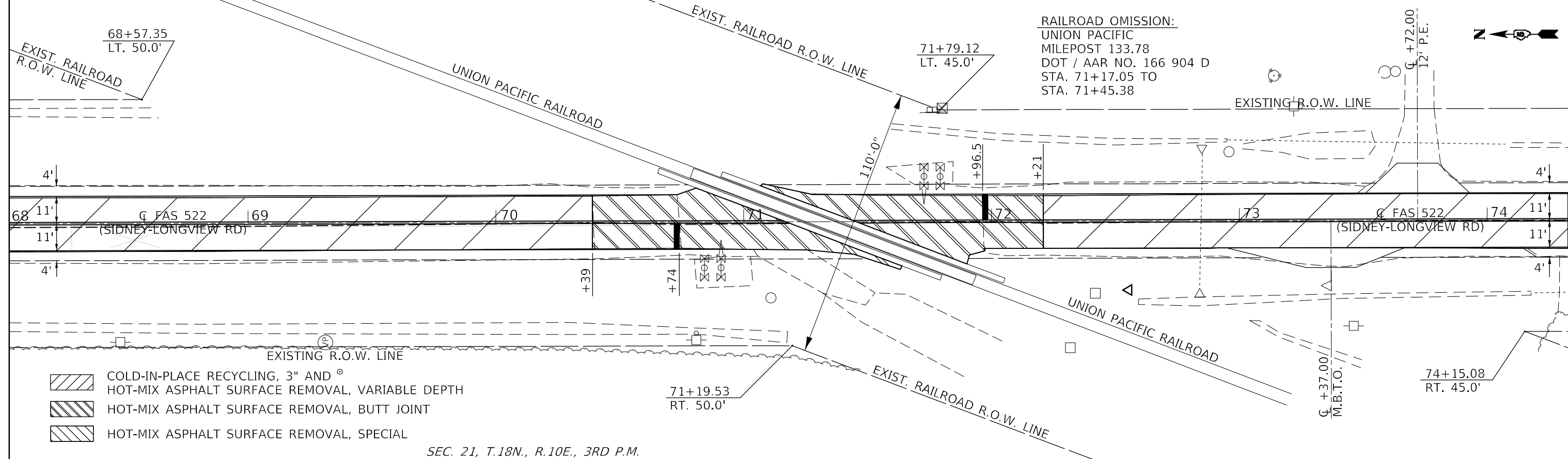
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE SHEET
 NORFOLK SOUTHERN RAILROAD**

SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 3+00.00 TO STA. 9+00.00

F.A.S. RTE. 522	SECTION (230,236)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 38	SHEET NO. 20
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

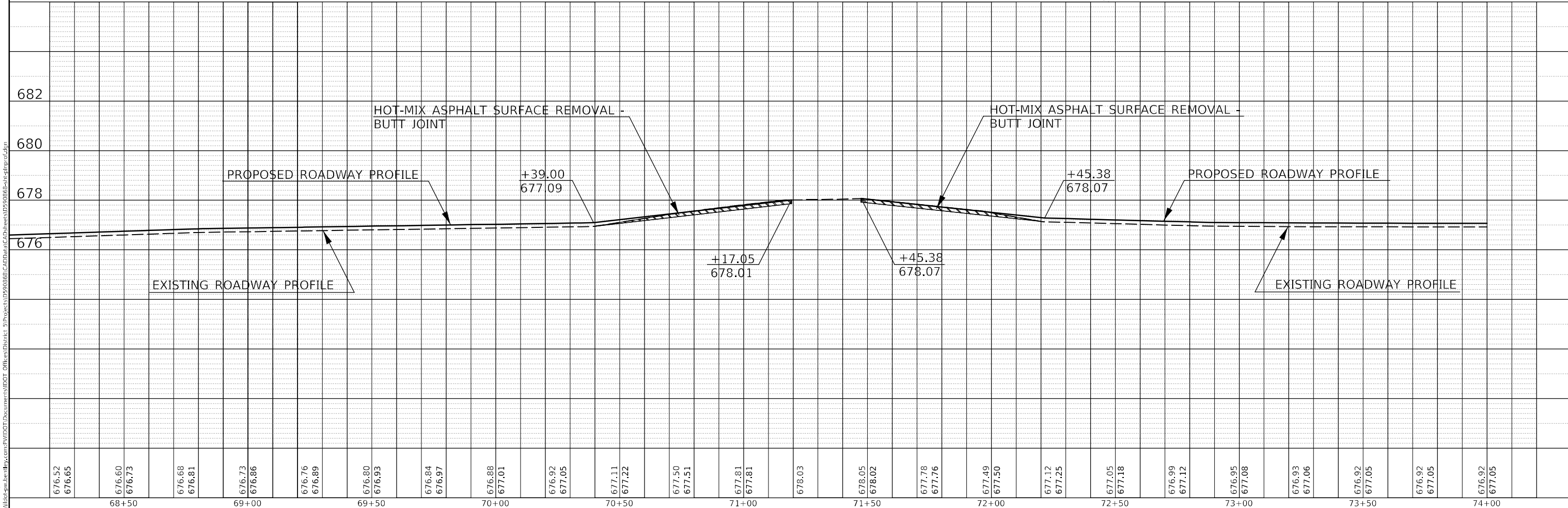
SEC. 22, T.18N., R.10E., 3RD P.M.



RAILROAD OMISSION:
 UNION PACIFIC
 MILEPOST 133.78
 DOT / AAR NO. 166 904 D
 STA. 71+17.05 TO
 STA. 71+45.38

- COLD-IN-PLACE RECYCLING, 3" AND ^o HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
- HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINT
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC. 21, T.18N., R.10E., 3RD P.M.



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CIPWD	
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PROFILE	SURVEYED	DATE
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	STRUCTURE NOTATIONS CIPWD	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE SHEET
 UNION PACIFIC RAILROAD**

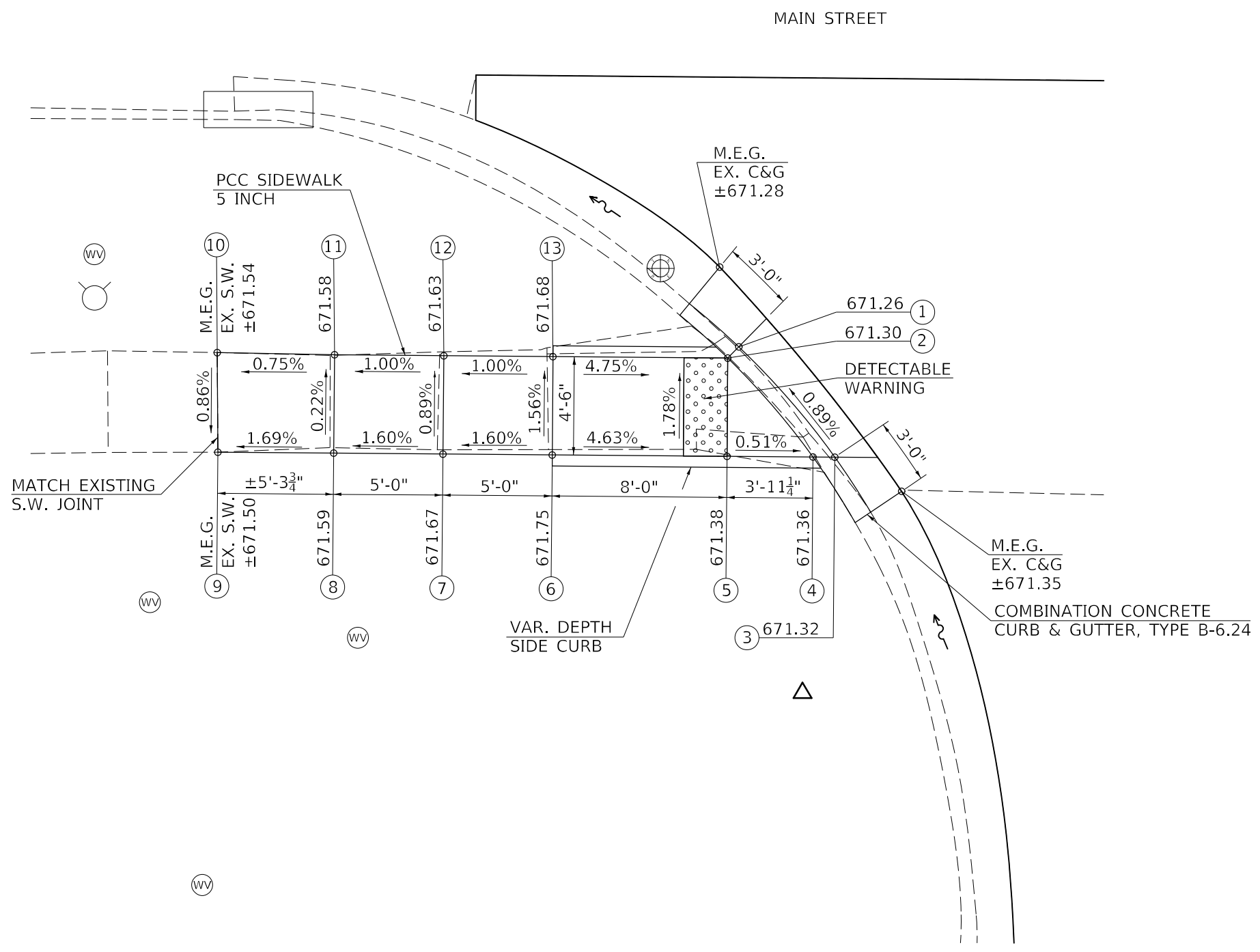
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 90868	

LOCATION #1

S.W. QUADRANT

FAS 522 & MAIN ST.



FAS 522

LOCATION #1 - S.W. QUADRANT
FAS 522 & MAIN STREET

LOCATION	STATION	OFFSET
1	0+25.56	RT. 24.64
2	0+26.08	RT. 25.15
3	0+30.64	RT. 20.26
4	0+30.62	RT. 21.26
5	0+30.58	RT. 25.20
6	0+30.48	RT. 33.20
7	0+30.43	RT. 38.20
8	0+30.37	RT. 43.20
9	0+30.31	RT. 48.51
10	0+25.75	RT. 48.51
11	0+25.87	RT. 43.15
12	0+25.93	RT. 38.15
13	0+25.98	RT. 33.15

- NOTES:**
1. M.E.G. = MATCH EXISTING GRADE
 2. EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
 3. MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
 4. MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
 5. MIN. ALLOWABLE WIDTH OF RAMP = 4'.
 6. MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.

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PLOT DATE = 12/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #1**

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

F.A.S. RTE. 522	SECTION (230,236)RS	COUNTY CHAMPAIGN	TOTAL SHEETS 38	SHEET NO. 22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 90868	

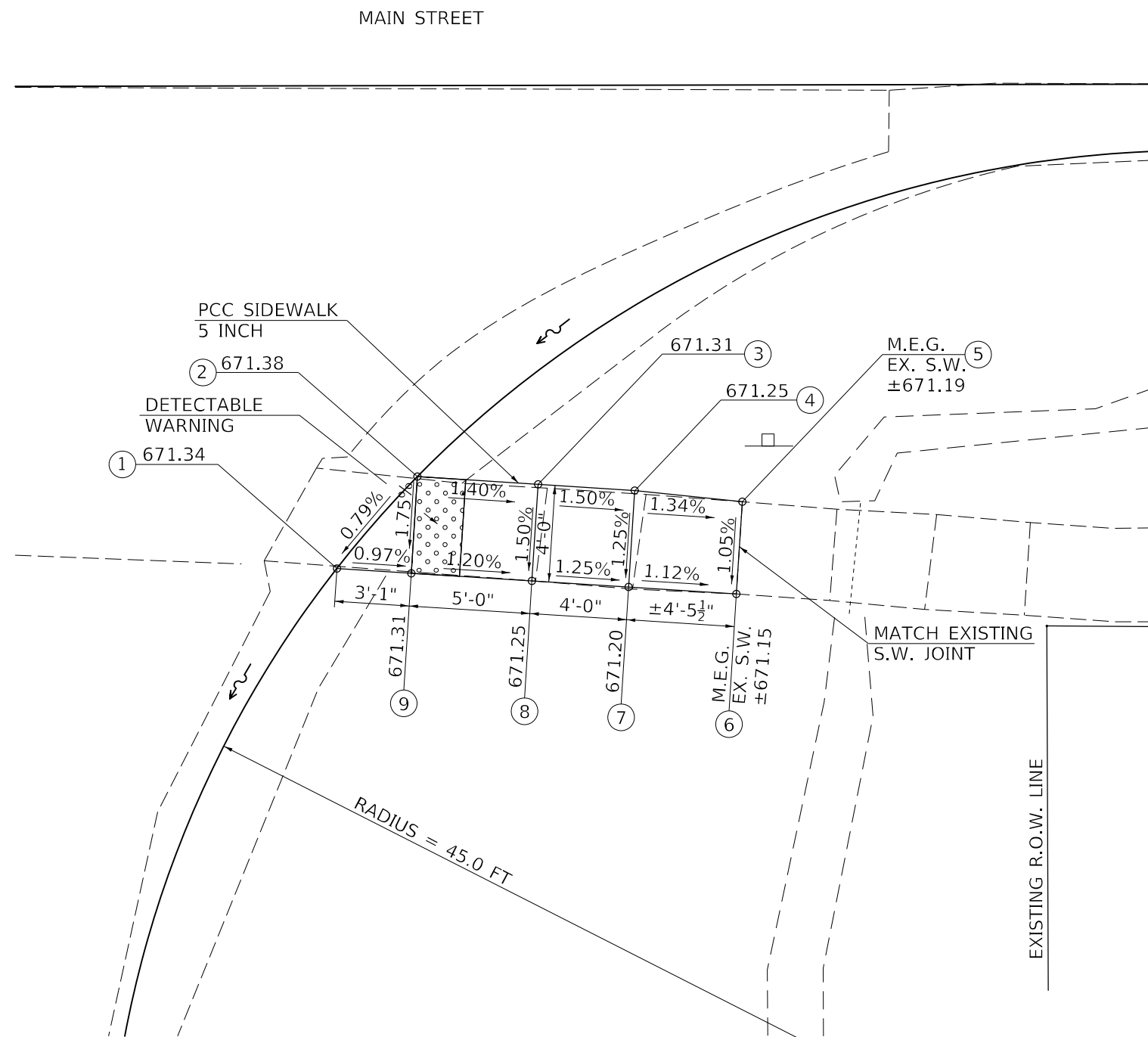
LOCATION #2

S.E. QUADRANT

FAS 522 & MAIN ST.



FAS 522



LOCATION #2 - S.E. QUADRANT
FAS 522 & MAIN STREET

LOCATION	STATION	OFFSET
1	0+33.52	LT. 20.66
2	0+29.73	LT. 24.00
3	0+30.07	LT. 28.99
4	0+30.34	LT. 32.98
5	0+30.82	LT. 37.43
6	0+34.63	LT. 37.17
7	0+34.33	LT. 32.71
8	0+34.06	LT. 28.72
9	0+33.72	LT. 23.73

NOTES:

1. M.E.G. = MATCH EXISTING GRADE
2. EXISTING CONDITIONS MAY VARY SLIGHTLY IN THE FIELD. THE ENGINEER CAN ADJUST GRADES AND TIE IN LOCATIONS AS NECESSARY TO CONSTRUCT RAMP. ANY ADJUSTMENTS MADE BY THE ENGINEER SHALL MEET ADA REQUIREMENTS FOR CURB RAMPS.
3. MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
4. MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
5. MIN. ALLOWABLE WIDTH OF RAMP = 4'.
6. MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.

STA. 0+61.38
LT. 56.00'

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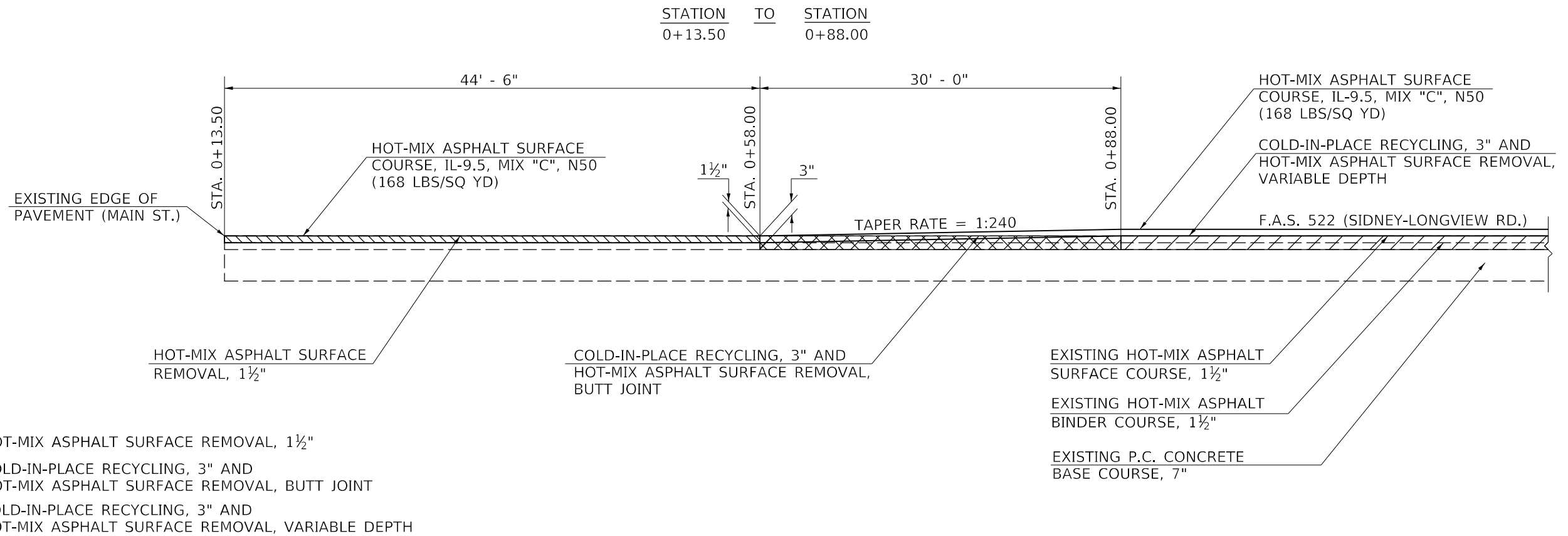
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #2**

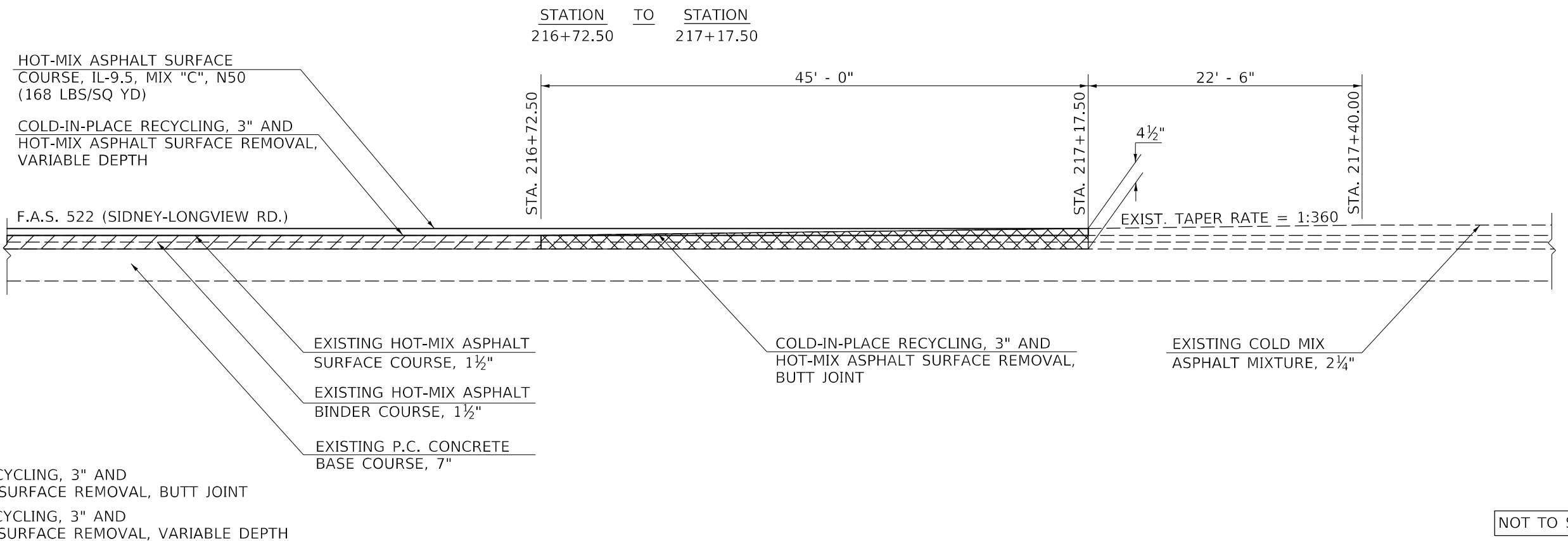
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	23
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

DETAIL FOR MILLING AND RESURFACING TRANSITION AT BEGINNING OF PROJECT



DETAIL FOR MILLING AND RESURFACING TRANSITION AT END OF PROJECT



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

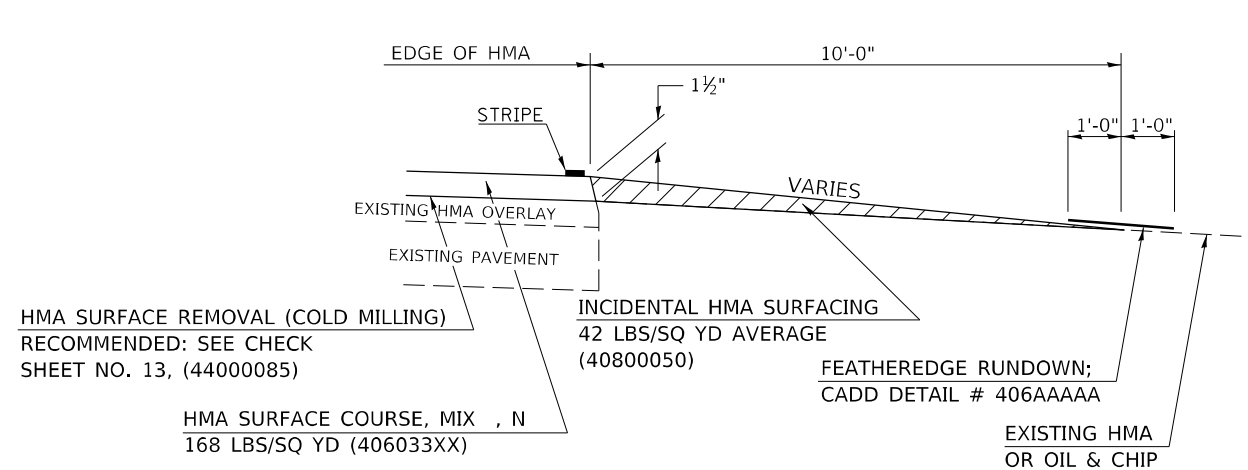
MILLING AND PAVING TRANSITION DETAILS

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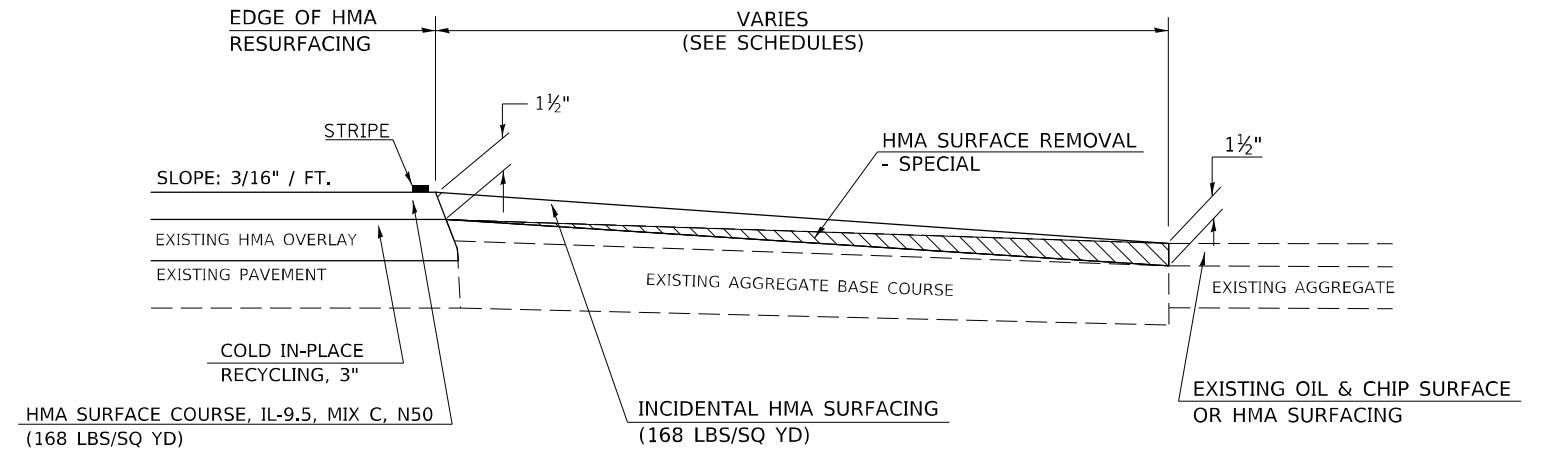
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522	(230,236)RS	CHAMPAIGN	38	24
CONTRACT NO. 90868				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS
(ALSO CONTRACT MAINTENANCE)
*** DO NOT USE ON CONTRACT 90868 ***



"3P" OR "3R" IMPROVEMENTS
*** USE ON CONTRACT 90868 ***

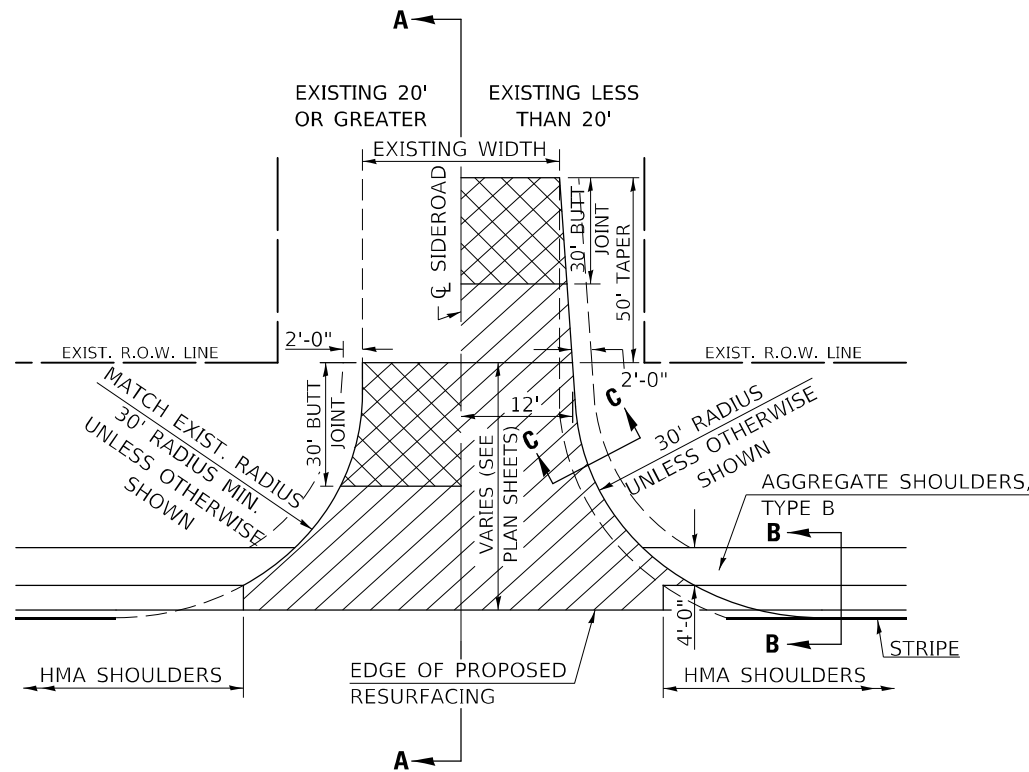


PROJECTS WITH RECONSTRUCTION

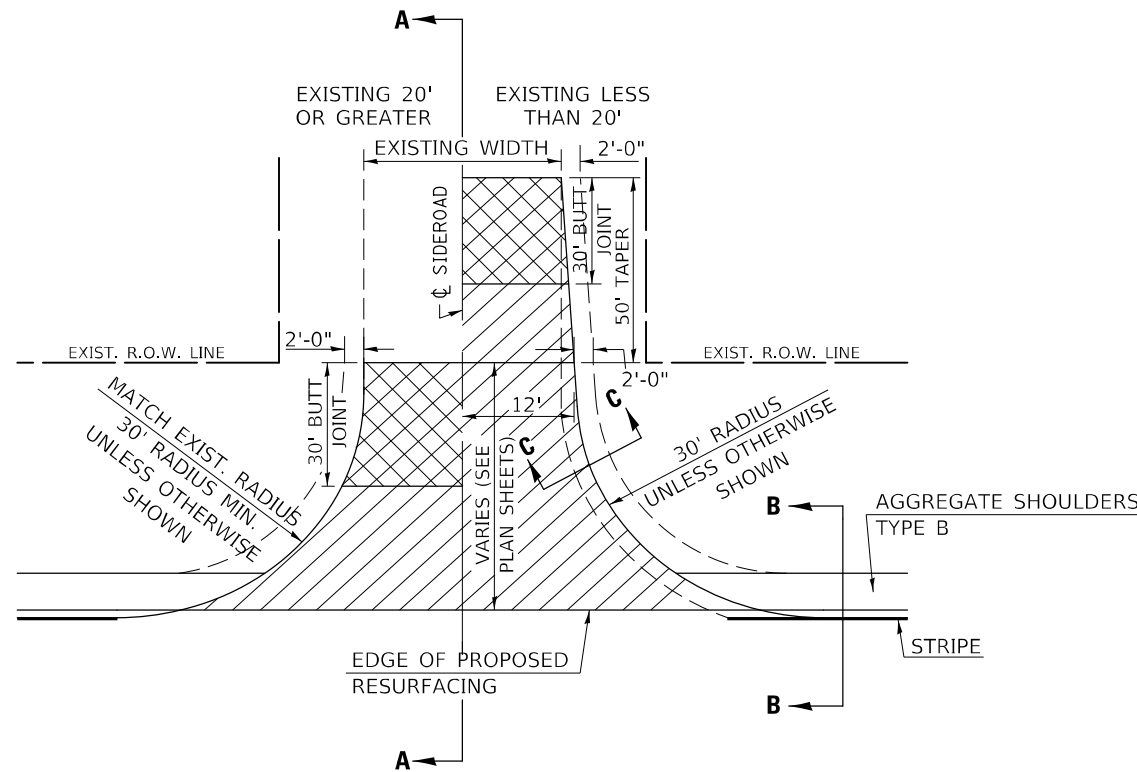
("3R" IMPROVEMENTS)

*** DO NOT USE ON CONTRACT 90868 ***

WITH HMA SHOULDER



WITHOUT HMA SHOULDER



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

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	DRAWN -	REVISOR -	09/07 KAG
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

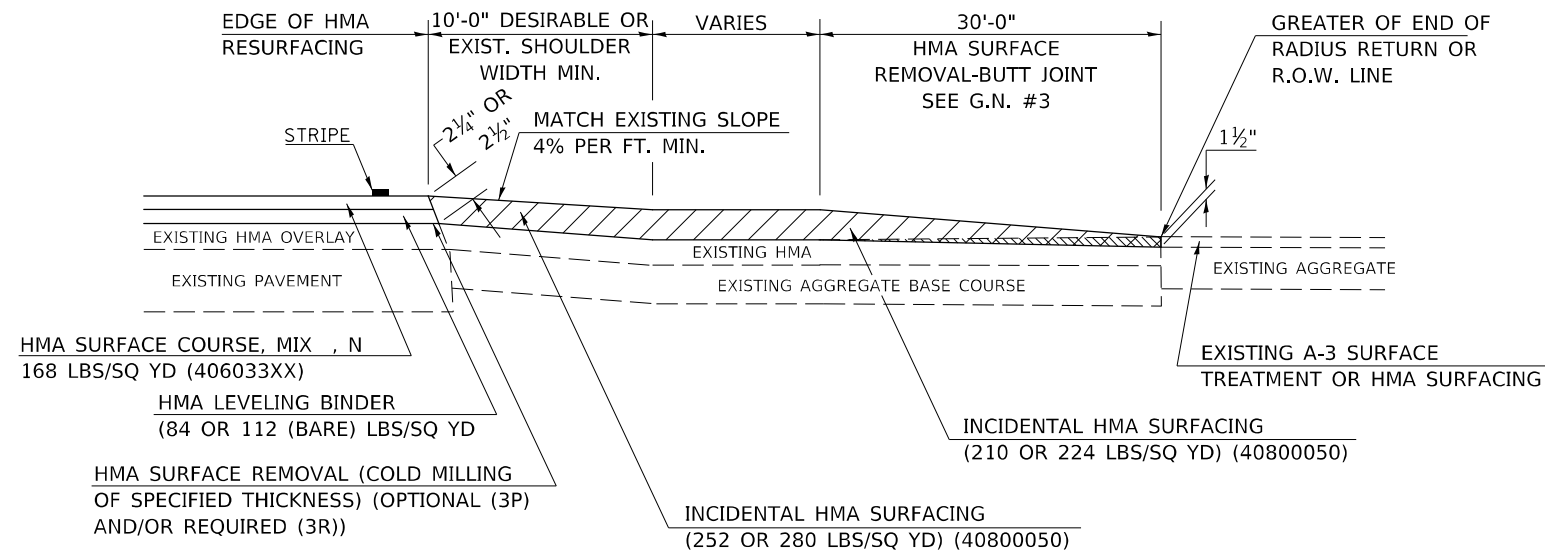
SIDEROAD & SIDESTREETS (RURAL)

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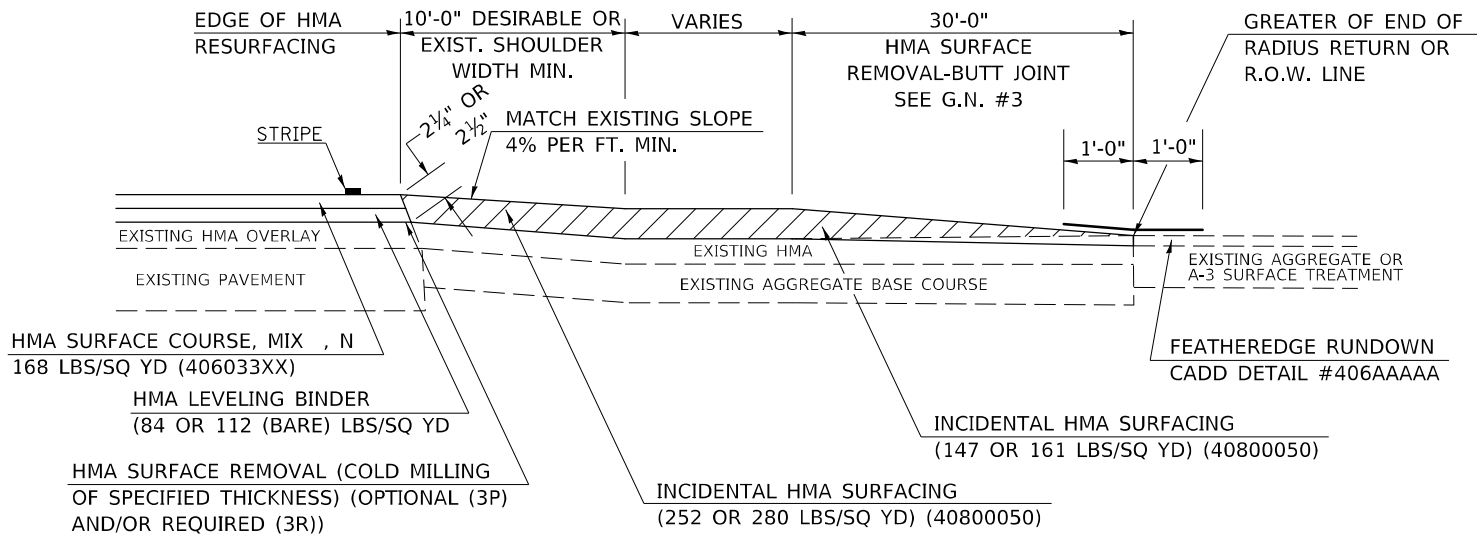
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522	(230,236)RS	CHAMPAIGN	38	25
			CONTRACT NO. 90868	
		ILLINOIS	FED. AID PROJECT	

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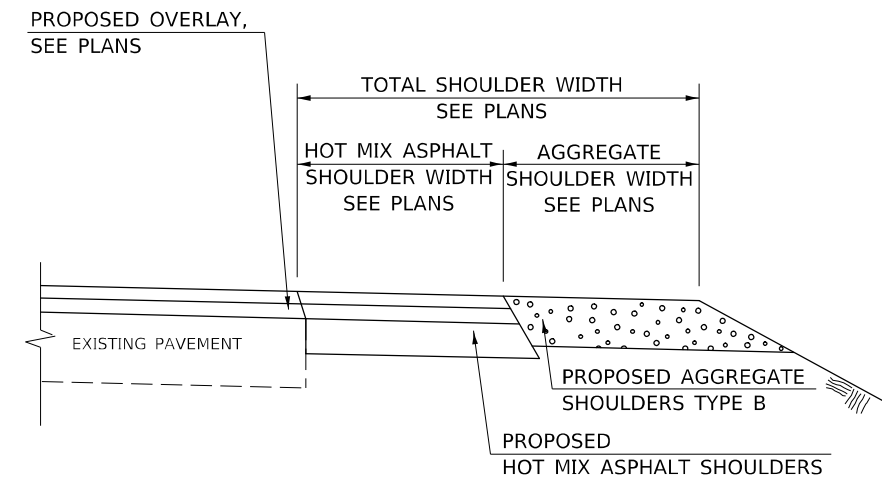
SECTION A-A
EXISTING HMA OR PCC SIDEROAD (> 400 ADT)
*** DO NOT USE ON CONTRACT 90868 ***



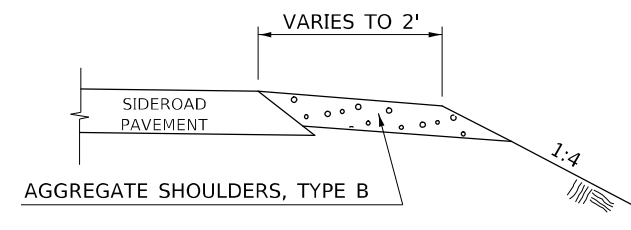
SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (< 400 ADT)
*** DO NOT USE ON CONTRACT 90868 ***



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	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	Engineer							
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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

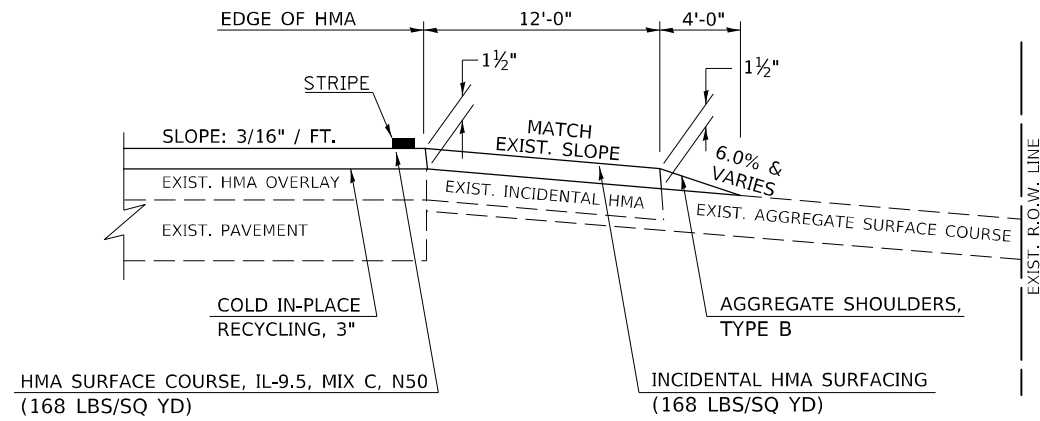
SIDEROAD & SIDESTREETS (RURAL)

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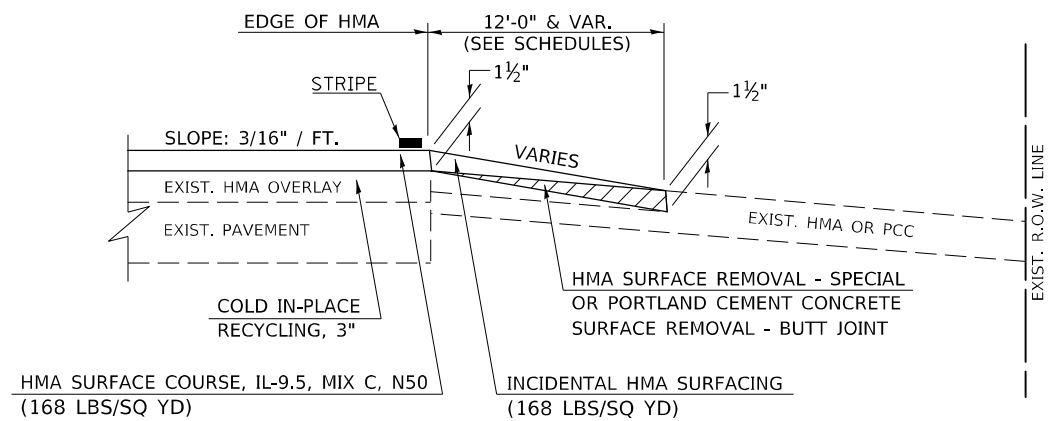
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	26
CONTRACT NO. 90868				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1½") * USE ON CONTRACT 90868 *

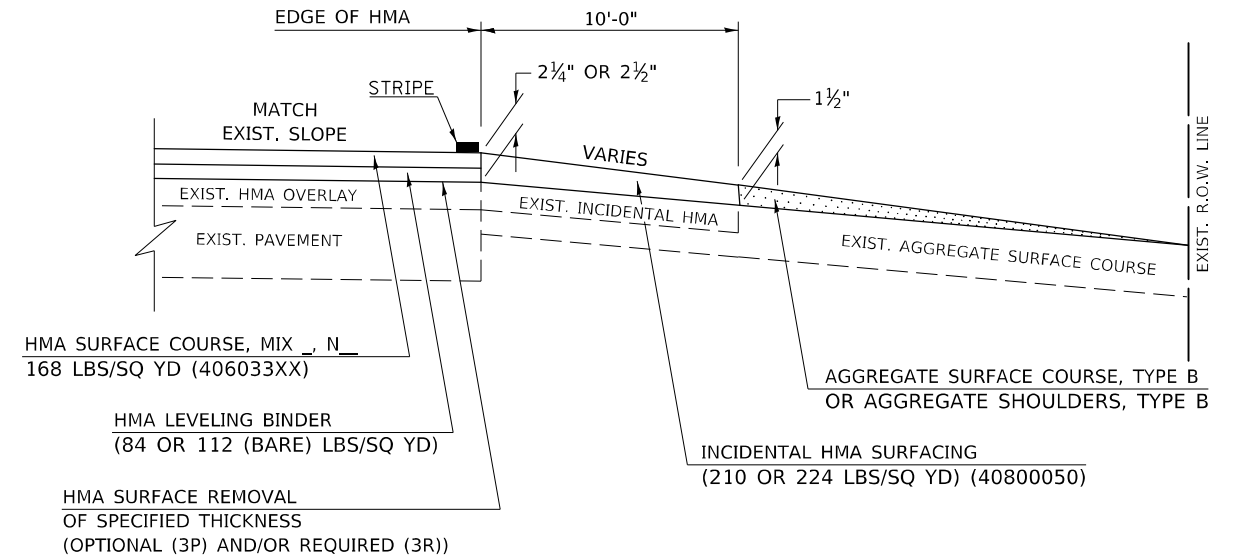


EXISTING AGGREGATE ENTRANCE

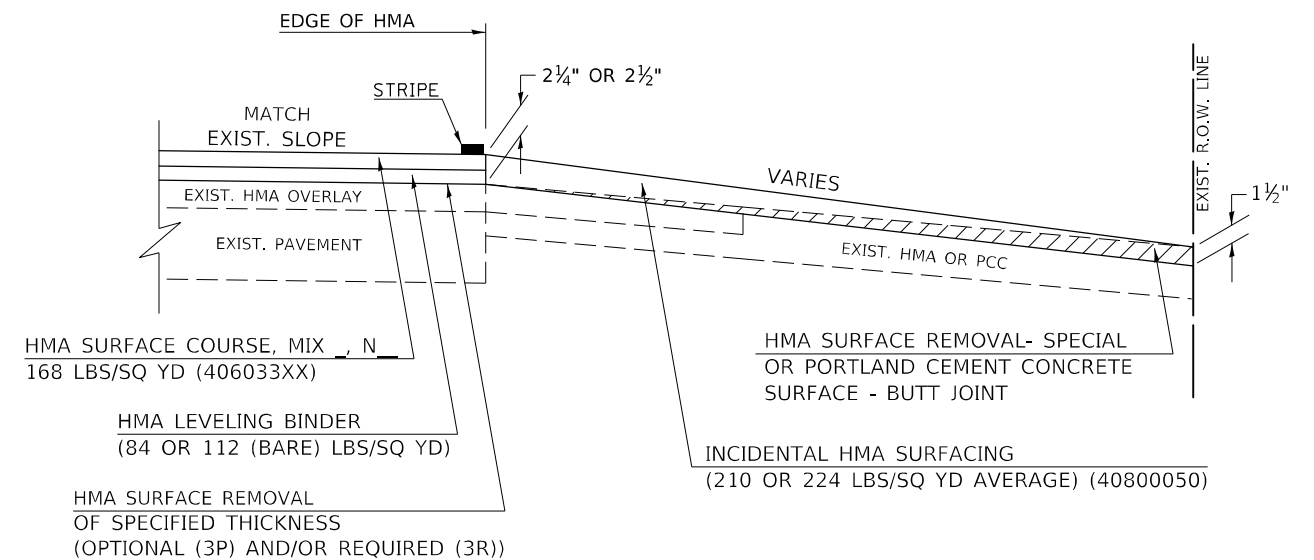


EXISTING HMA OR PCC ENTRANCE

"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE) * DO NOT USE ON CONTRACT 90868 *



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

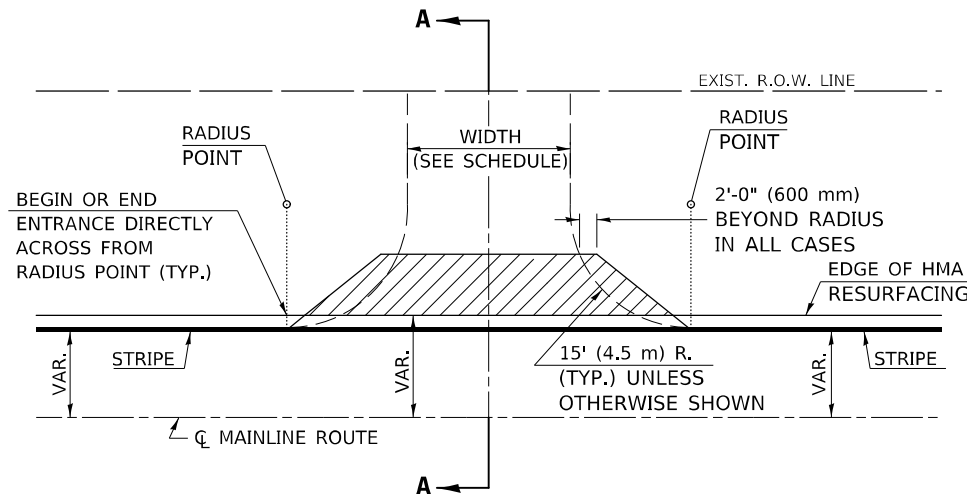
PRIVATE COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)			
SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.

DISTRICT 5 DETAIL NO. 40800050C				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	27
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

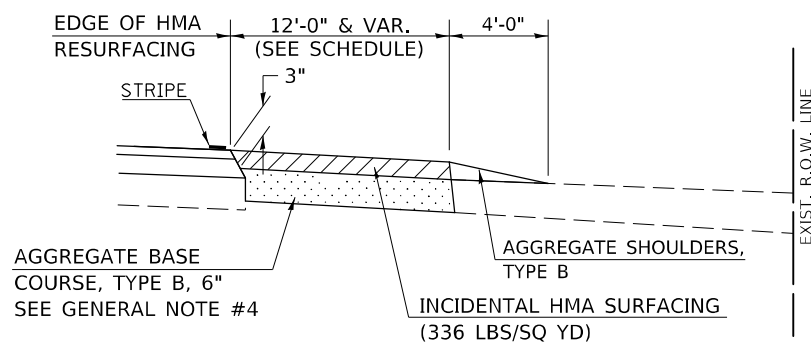
PROJECTS WITH RECONSTRUCTION

(3R IMPROVEMENTS)

AGGREGATE ENTRANCE
* USE ON CONTRACT 90868 *

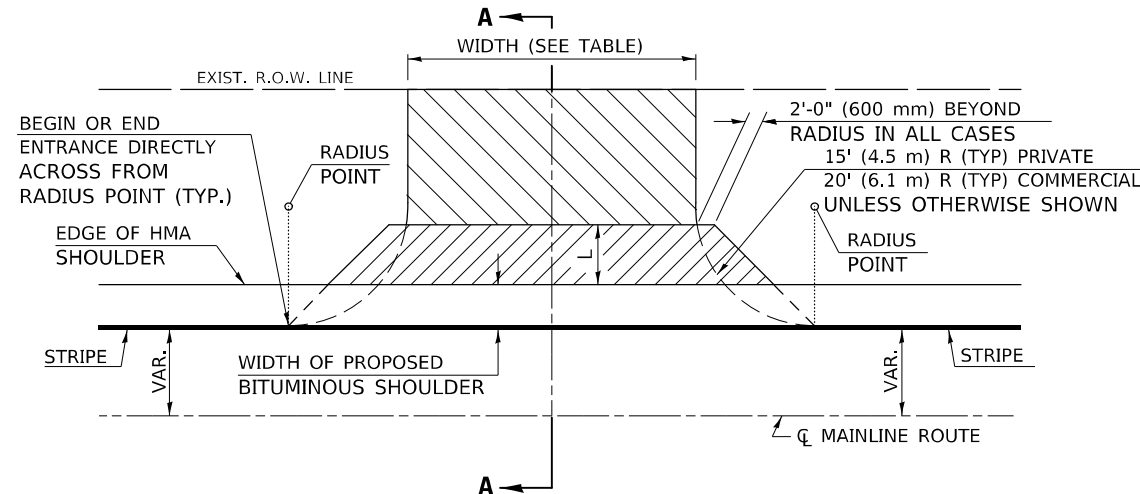


TYPICAL APPLICATION

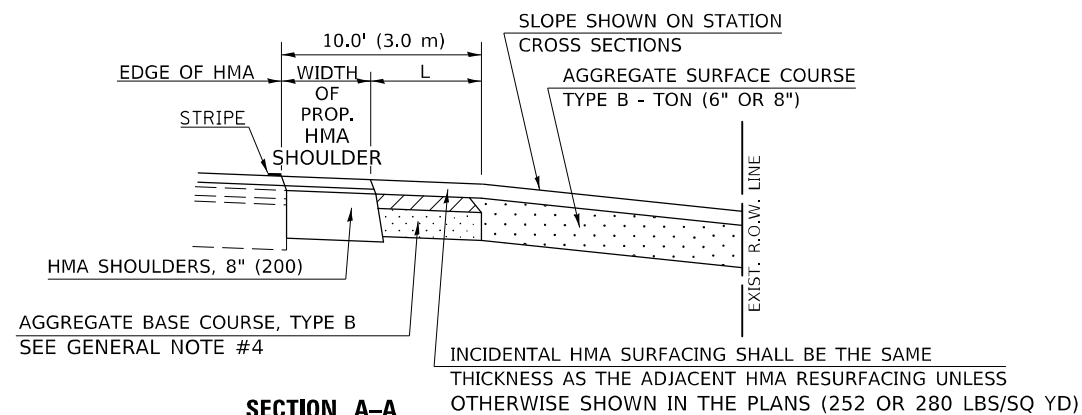


SECTION A-A

HMA OR PCC ENTRANCE
* DO NO USE ON CONTRACT 90868 *



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".
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 MEMO 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			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		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						

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

DISTRICT 5 DETAIL NO. 40800050C

USER NAME = eaglinga	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 12/9/2021	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

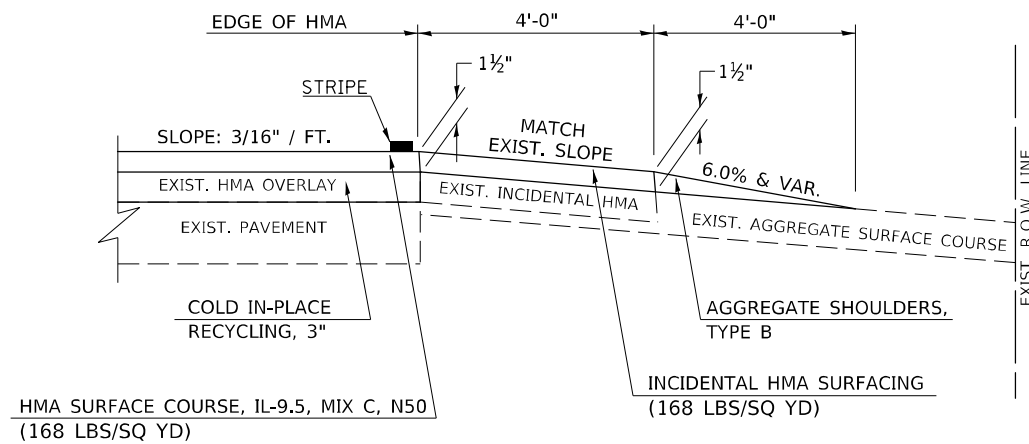
PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	28
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

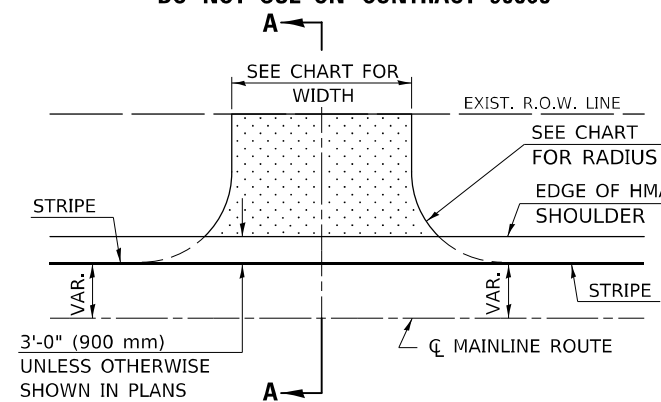
PROJECTS WITHOUT RECONSTRUCTION
 ("3R" WITHOUT RECONSTRUCTION, 3P, SMART AND CM)

S.M.A.R.T. IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.03; 1½")
 * USE ON CONTRACT 90868 *



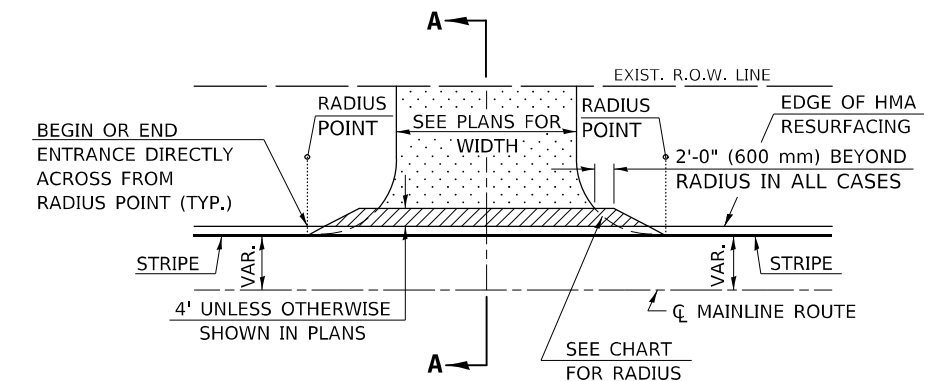
PROJECTS WITH RECONSTRUCTION
 ("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)

ADJACENT TO PROPOSED HMA SHOULDERS
 (AGGREGATE OR EARTH ENTRANCE)
 * DO NOT USE ON CONTRACT 90868 *



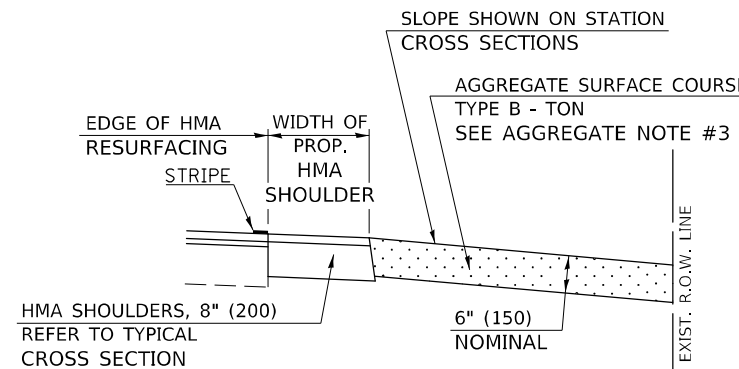
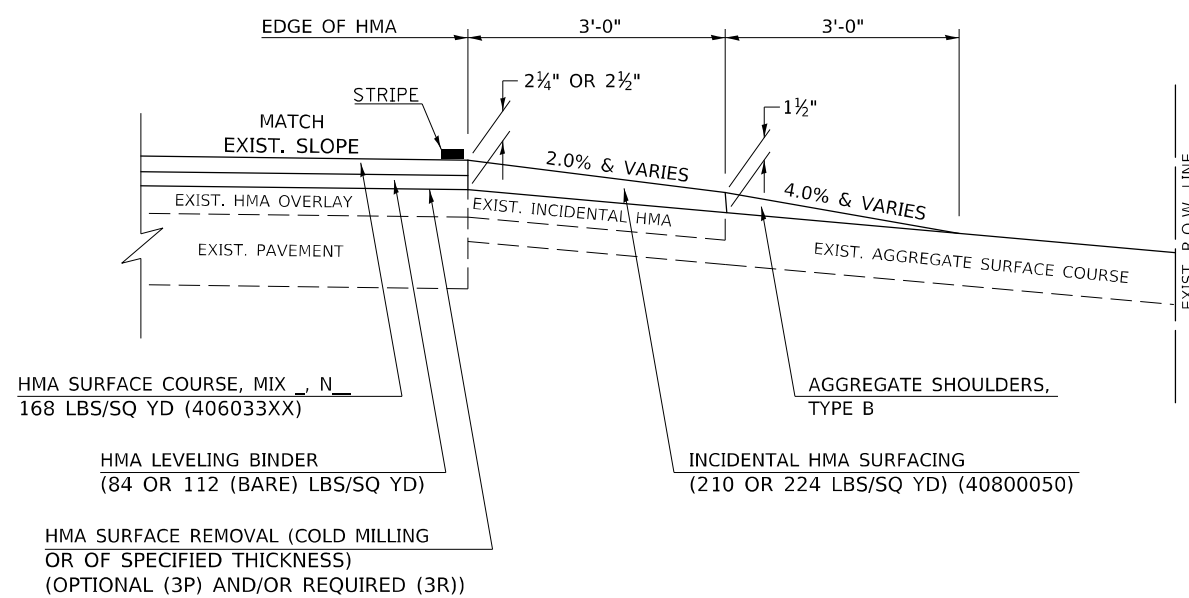
TYPICAL APPLICATION

EXISTING AGGREGATE OR EARTH ENTRANCE
 * USE ON CONTRACT 90868 *

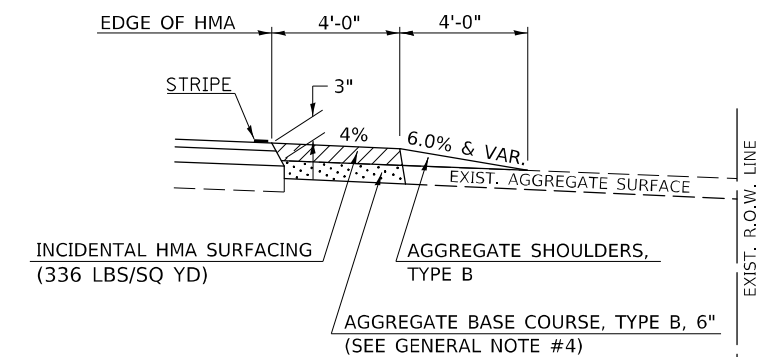


TYPICAL APPLICATION

"3P" OR "3R" IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)
 * DO NOT USE ON CONTRACT 90868 *



SECTION A-A



SECTION A-A

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

DISTRICT 5 DETAIL NO. 4080050A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	29
			CONTRACT NO. 90868	

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

ILLINOIS FED. AID PROJECT

MODEL: I:\MODEL\MMF5
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 PLOT SCALE: = 40,0000 * / in.
 USER NAME: = eaglinga
 DESIGNED - 12/06 TJB
 DRAWN - 09/07 KAG
 CHECKED - 04/08 KJT
 DATE - 3/16/17 SWN

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						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.

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USER NAME = eaglinga	DESIGNED -	REVISED - 12/06 TJB
	DRAWN -	REVISED - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/08 KJT
PLOT DATE = 12/9/2021	DATE -	REVISED - 3/16/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

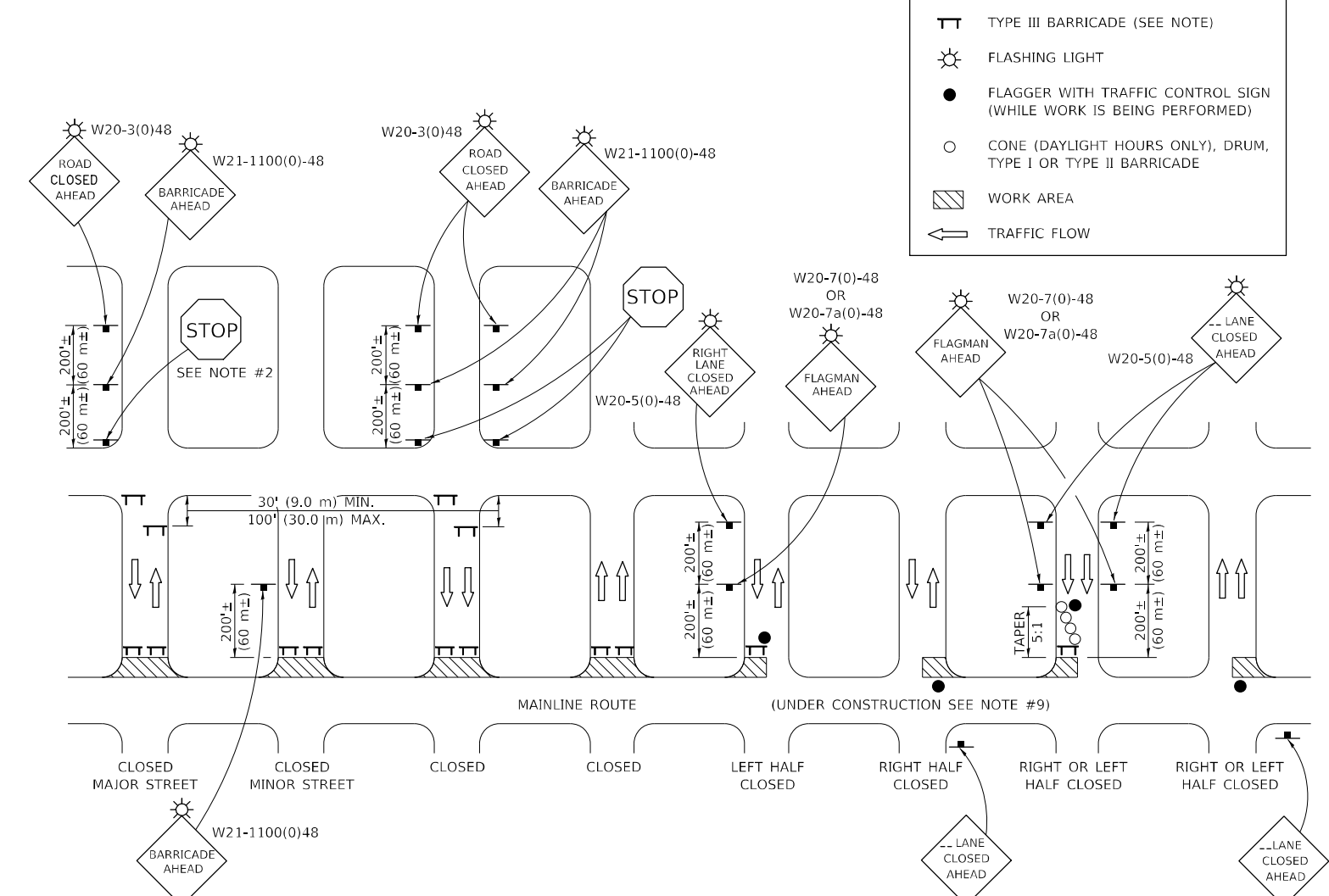
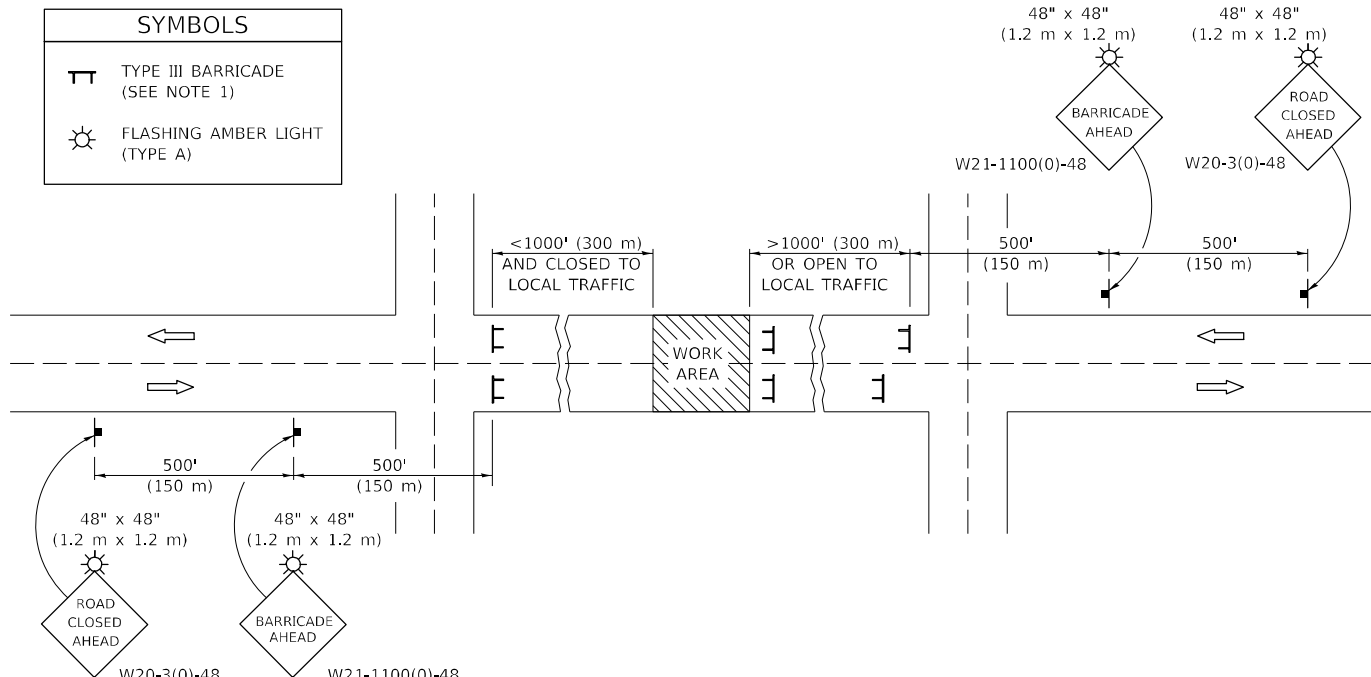
SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 4080050A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	30
CONTRACT NO. 90868				
ILLINOIS FED. AID PROJECT				

ROAD CLOSURE

SIDEROAD / STREET CLOSURE



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.

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: I:\MODELS\MHFE... FILE NAME: ...

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	DRAWN -	REVISED - 12/07
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 09/09 KJT
PLOT DATE = 12/9/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

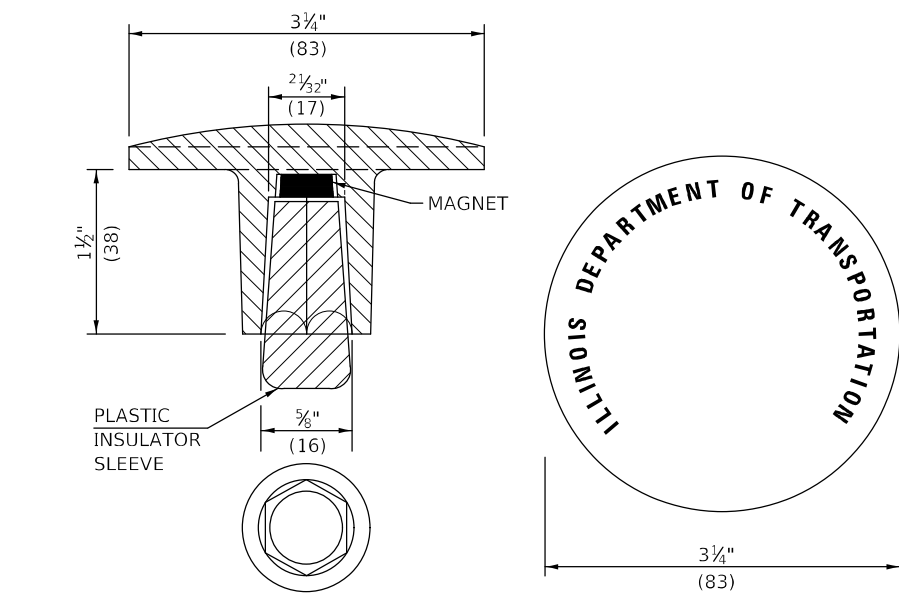
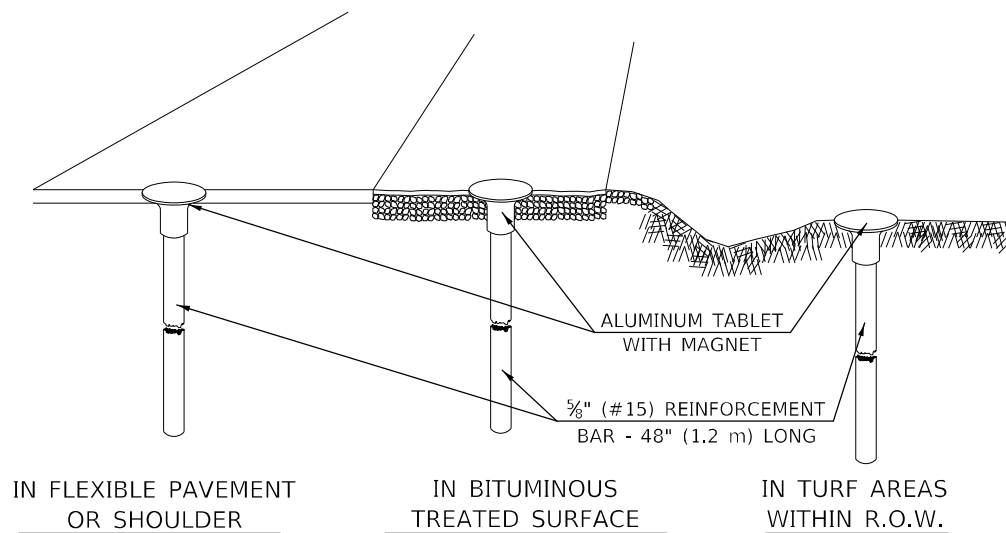
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7020000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	32
			CONTRACT NO. 90868	
			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 3/4" (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.

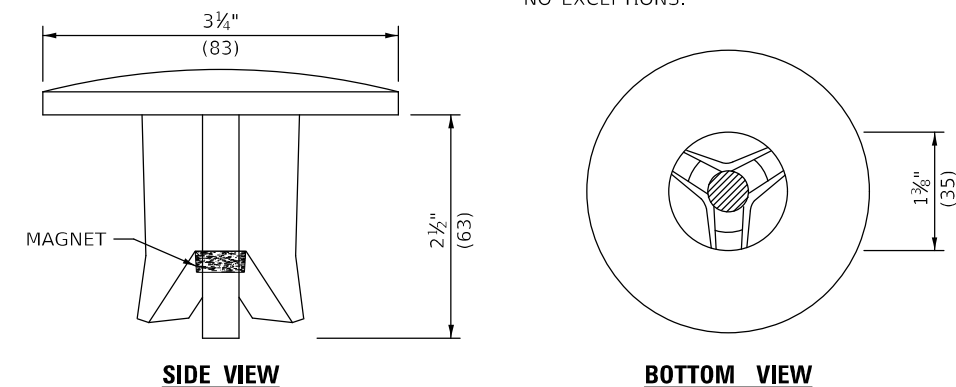
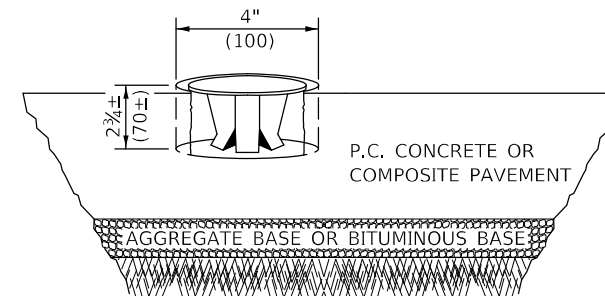
SPECIFICATIONS FOR REBAR

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)

DISTRICT 5 DETAIL NO. XZ193AAA

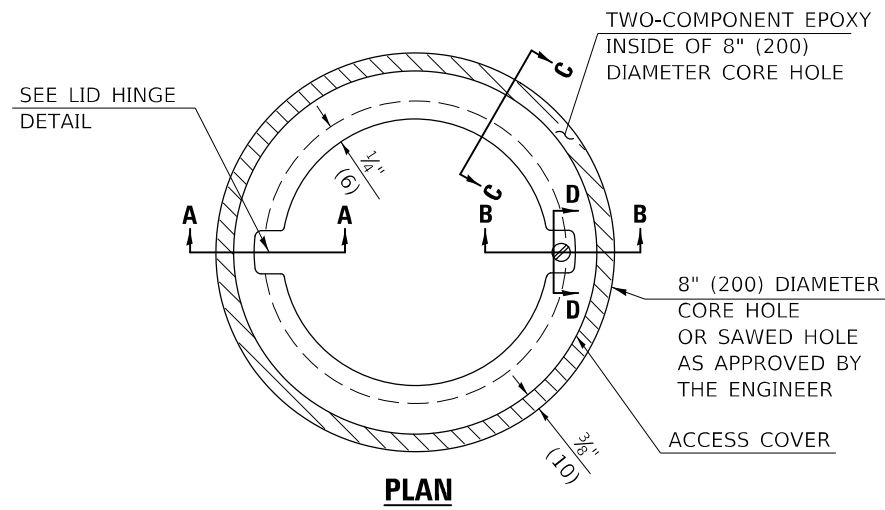
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	DRAWN -	REVISED - 11/10
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/9/2021	DATE -	REVISED -

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	33
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

MODEL: 44001.MX15
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PROJECT: 12/9/2021
DRAWN: eaglinga
CHECKED: eaglinga
DATE: 12/9/2021

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

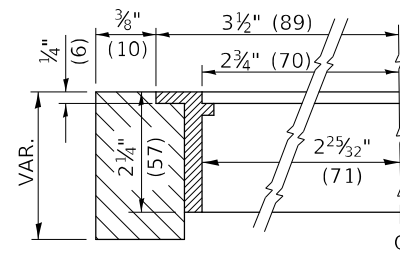


PLAN

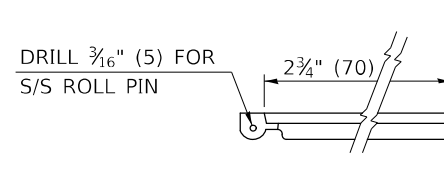
LEGEND

- 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)



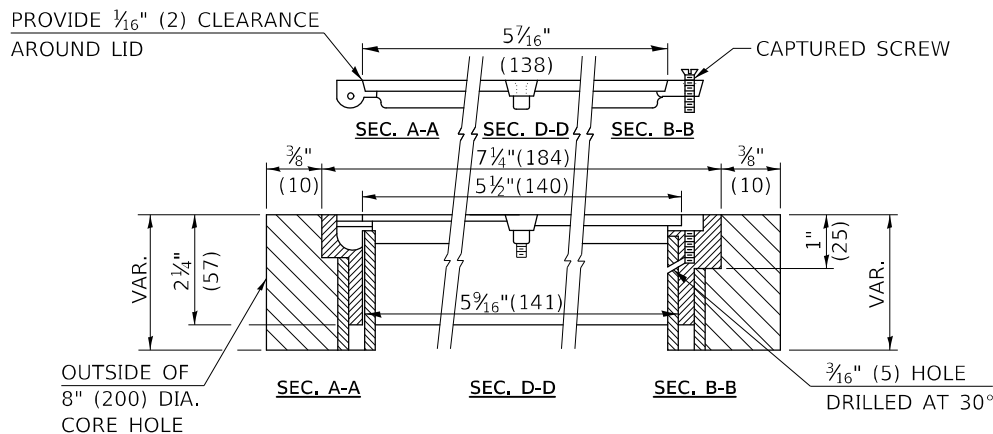
SECTION C-C



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).



ELEVATION

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

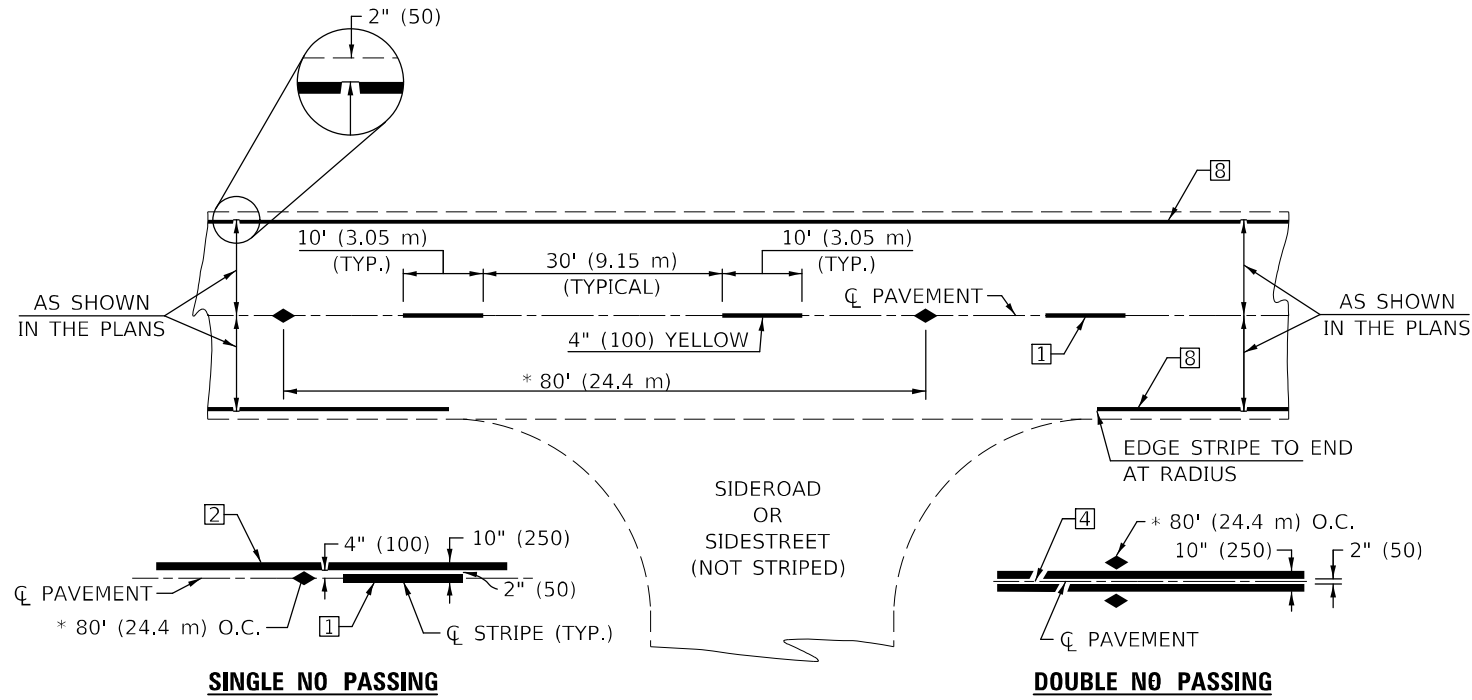
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	34
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

USER NAME = eaglinga	DESIGNED -	REVISED - 11/06
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PLOT DATE = 12/9/2021	CHECKED -	REVISED -
	DATE -	REVISED -

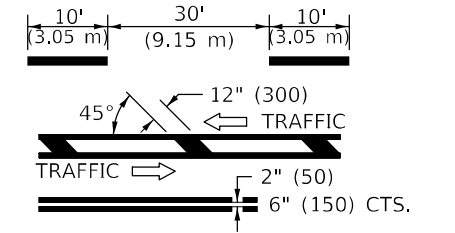


* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

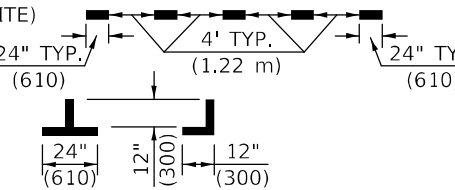
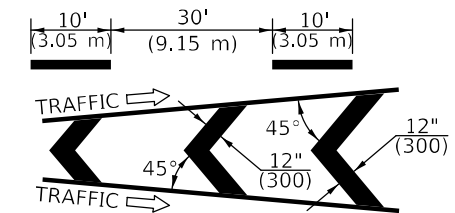
TYPICAL PAVEMENT MARKING LEGEND

- 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

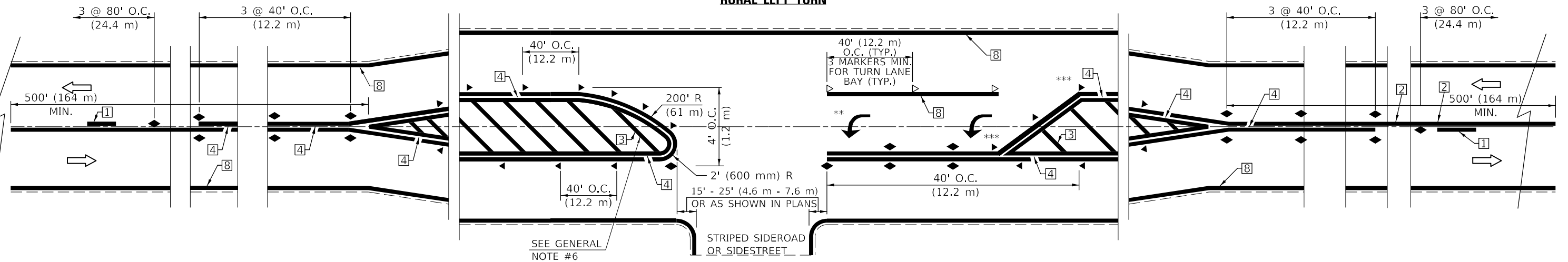


TYPICAL PAVEMENT MARKERS LEGEND

- ◆ 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

USER NAME = eaglinga	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 12/9/2021	DATE -	REVISED - 3/2019 SWN

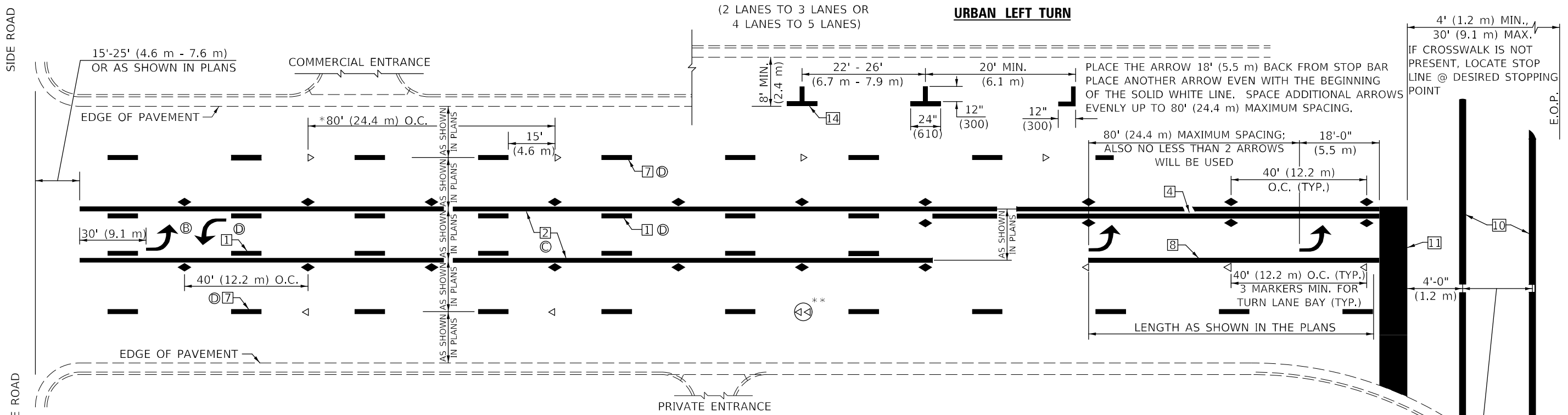
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	35
				CONTRACT NO. 90868
ILLINOIS FED. AID PROJECT				

MODEL: I:\MODEL MARKS FILE: MARKS_PAVEMENT.dwg DATE: 12/9/2021 10:45:00 AM

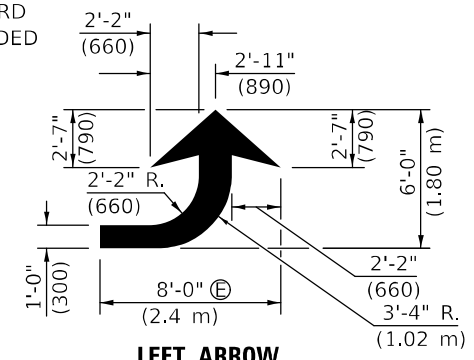


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

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

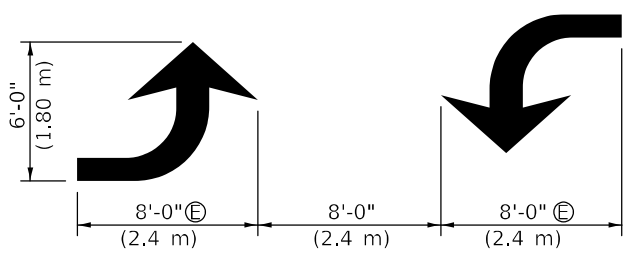
GENERAL NOTES:

- (B) 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.
- (C) 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.
- (D) 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.
- (E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



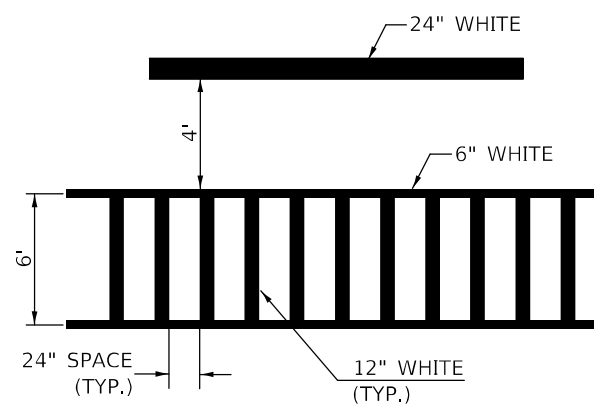
LEFT ARROW

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

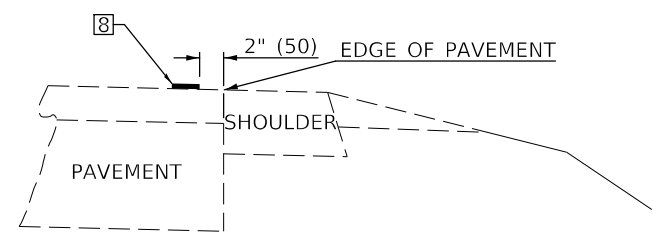


TYPICAL DOUBLE TURN ARROWS (WHITE)

BLOOMINGTON-NORMAL CITY LIMITS ONLY

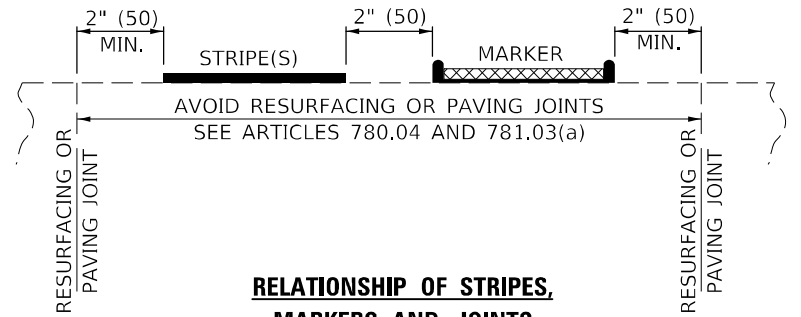


TYPICAL SPACING FOR CROSSWALKS & STOP BARS



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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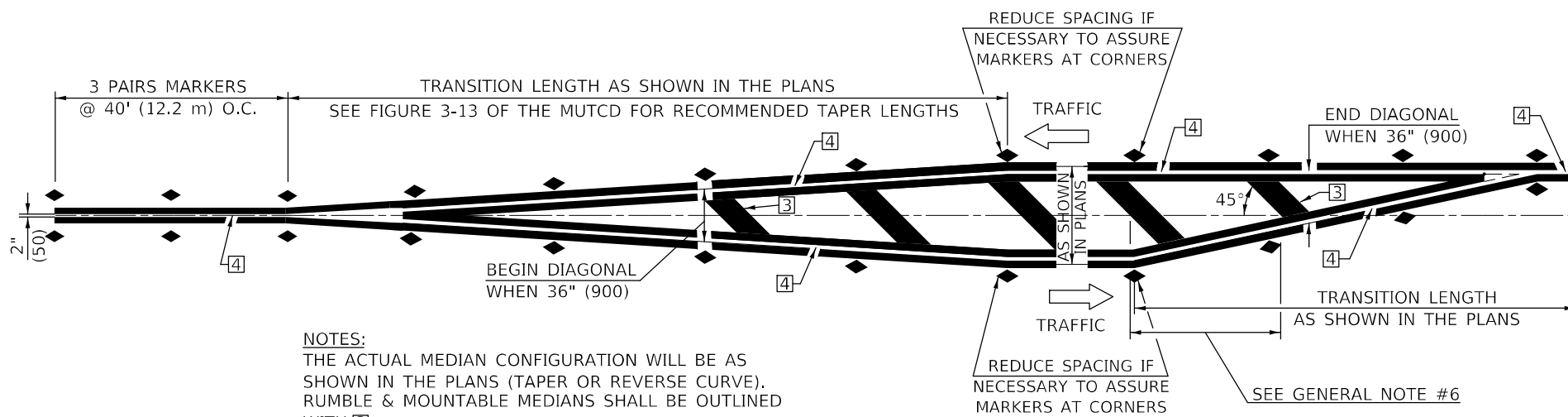
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	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 12/9/2021	DATE -	REVISD - 3/2019 SWN

**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.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	36
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				

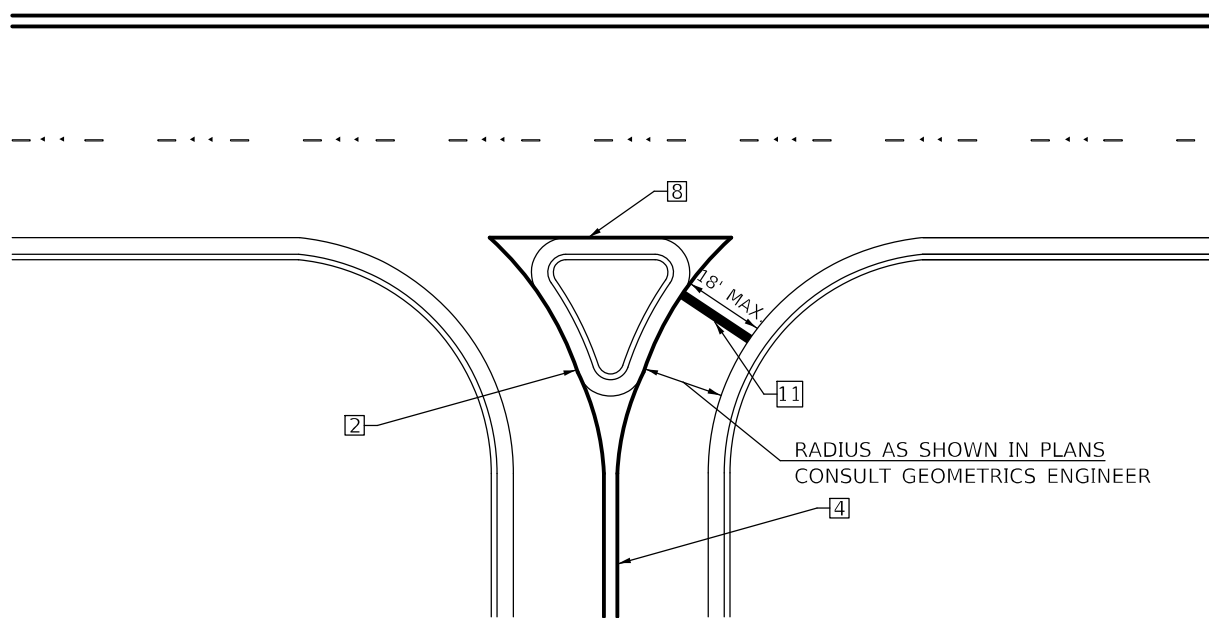


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

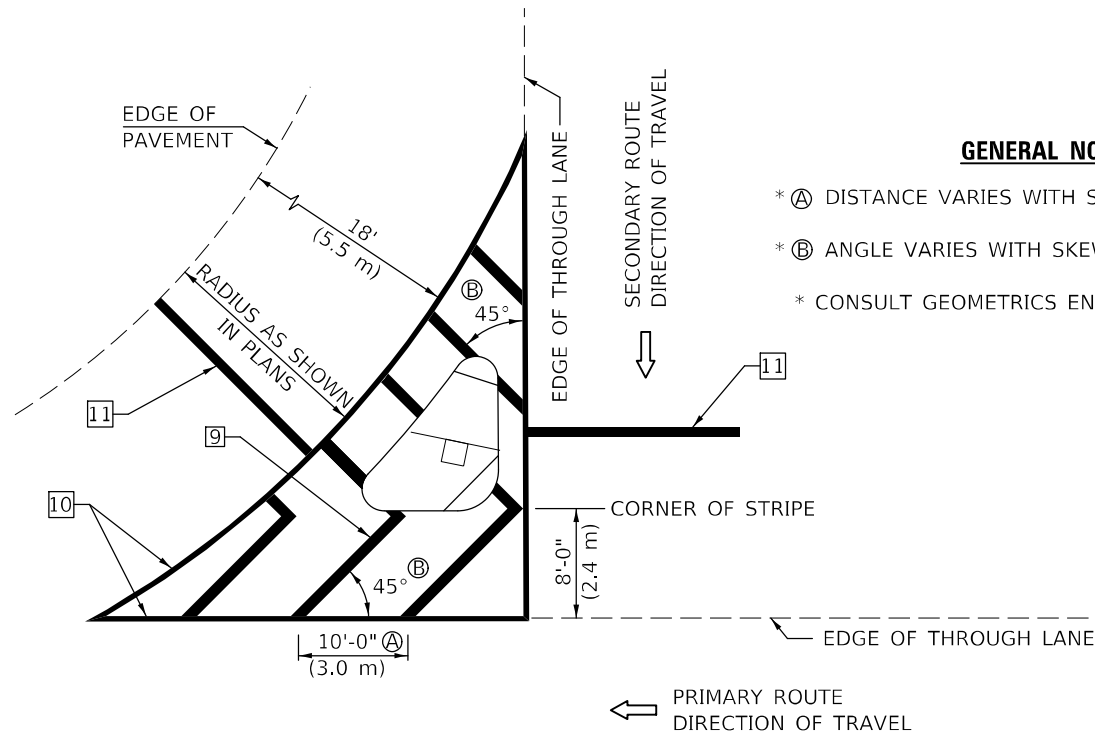
TYPICAL MEDIAN TRANSITIONS

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

GENERAL NOTES

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

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

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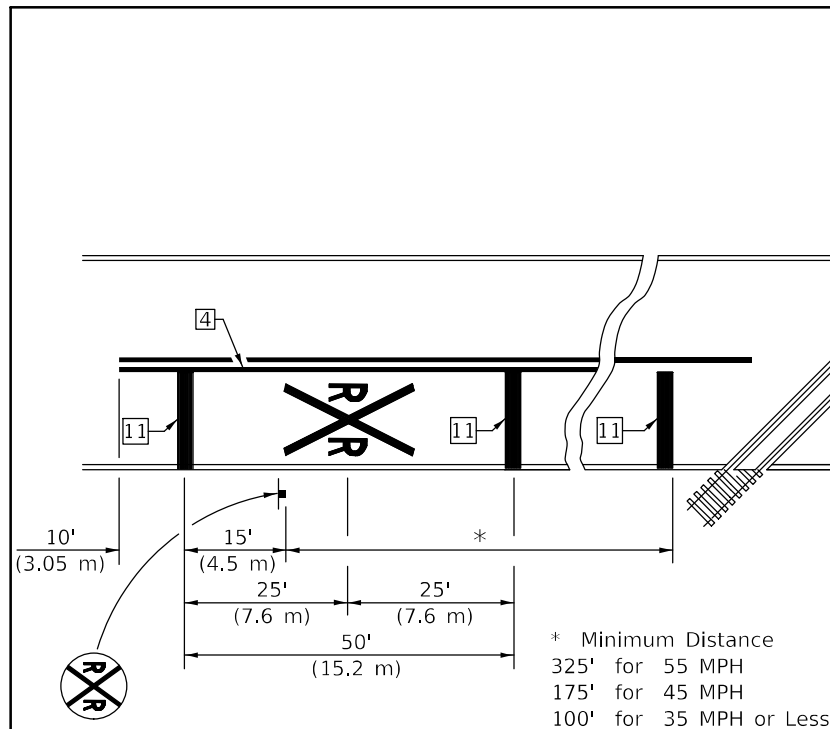
USER NAME = eaglinga	DESIGNED -	REVISD - 11/06
	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 12/9/2021	DATE -	REVISD - 3/2019 SWN

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

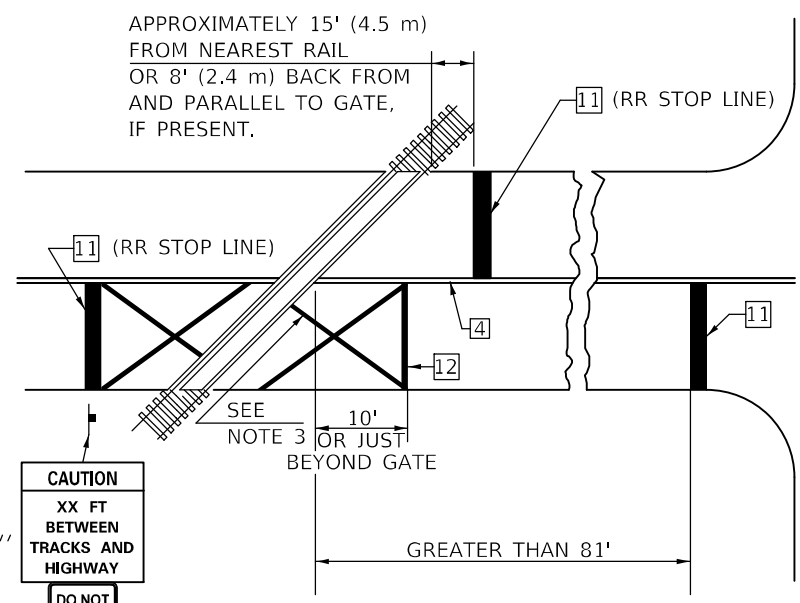
DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	37
			CONTRACT NO. 90868	
ILLINOIS FED. AID PROJECT				



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.

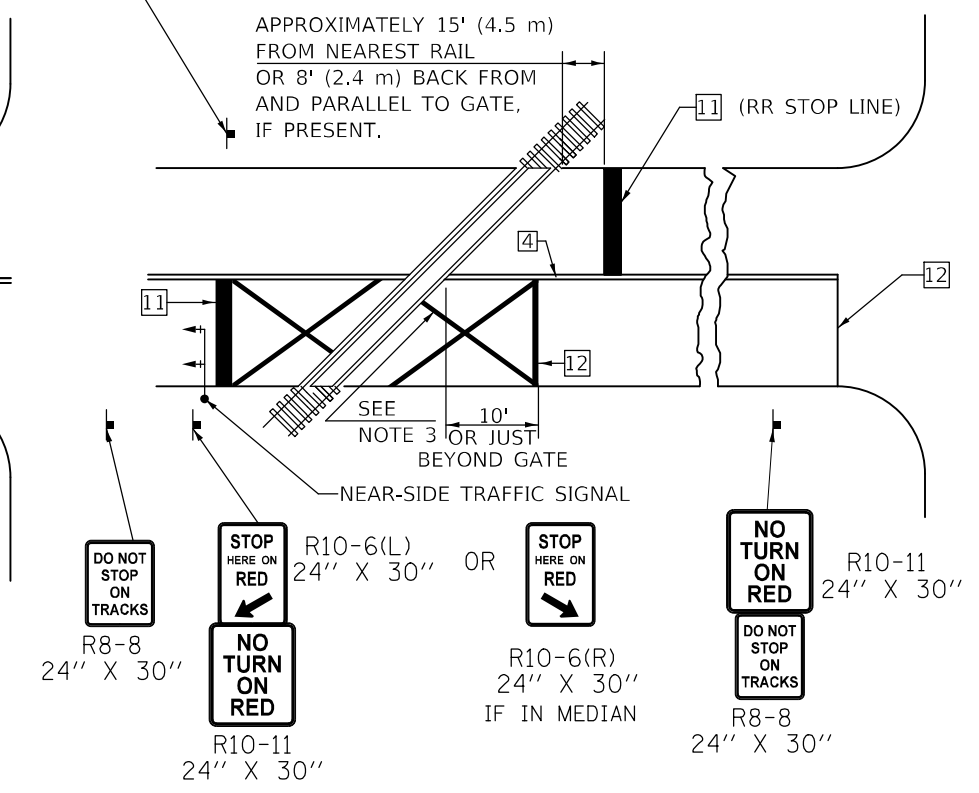
RAILROAD CROSSING WITH INTERCONNECT ONLY



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



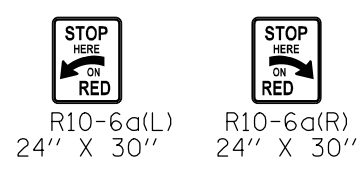
DO NOT STOP ON TRACKS
R8-8
24'' X 30''
STOP HERE ON RED
R10-6(L)
24'' X 30'' OR
R10-6(R)
24'' X 30''
IF IN MEDIAN
NO TURN ON RED
R10-11
24'' X 30''
DO NOT STOP ON TRACKS
R8-8
24'' X 30''

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
522	(230,236)RS	CHAMPAIGN	38	38
			CONTRACT NO. 90868	

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

MODEL: I:\MODEL\MARKS FILE: MARKS_PAVEMENT.dwg DATE: 12/9/2021