

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	1
		ILLINOIS	CONTRACT NO. 70C22	

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

PROPOSED HIGHWAY PLANS

FAS ROUTE 1512 / (U.S. 150)
SECTION 2RS-5 & (1Y,1YX,1X)RS-2
PROJECT STP-49RK(758)
SMART OVERLAY / ADA IMPROVEMENTS
FROM 2350E AT ST. JOSEPH
TO VERMILION COUNTY LINE
CHAMPAIGN COUNTY

C-95-098-20

CURRENT TRAFFIC DATA

FAS RTE. 1512 / (US 150)

	ADT (2020)	PV %	SU %	MU %
LEG "A"	= 3,050	97.1	1.6	1.3
LEG "B"	= 2,300	95.3	1.7	3

TRAFFIC DATA LOCATIONS

LEG "A" = 2350E AT ST. JOSEPH TO IL 49 IN OGDEN.
LEG "B" = IL 49 IN OGDEN TO VERMILION COUNTY LINE.

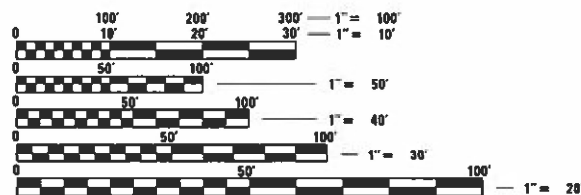
FUNCTIONAL CLASSIFICATION

MAJOR COLLECTOR

DESIGN DESIGNATION

N/A

TOWNSHIPS: ST JOSEPH, OGDEN

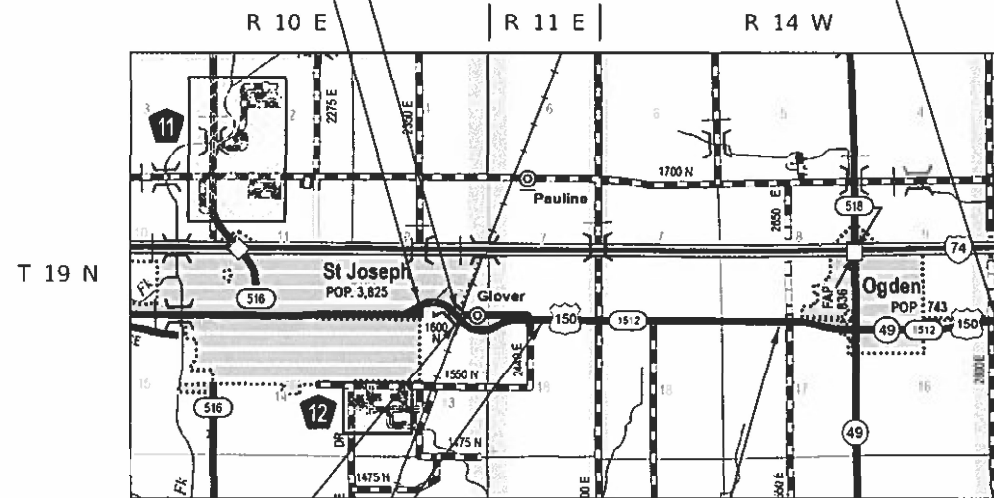


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

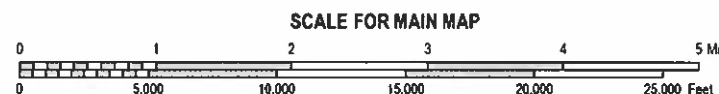
PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: GREG EAGLIN
PHONE: (217)465-4181
CONTRACT NO. 70C22

PROJECT BEGINS: STA. 492+50.00
URBAN / RURAL SPLIT: STA. 508+24.00
PROJECT ENDS: STA. 198+00.00

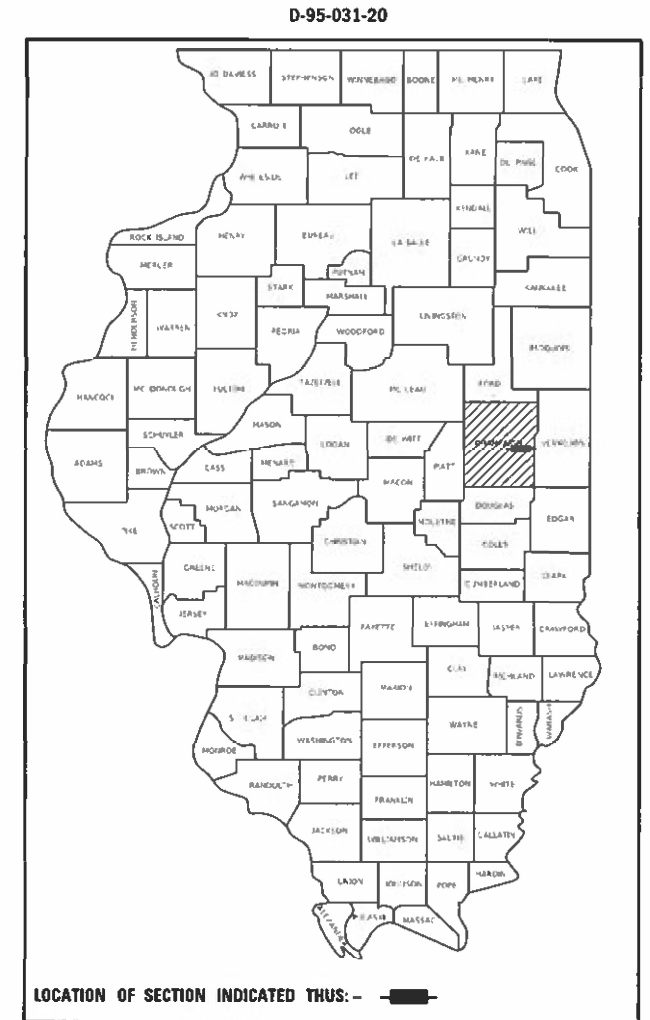


STRUCTURE OMISSION:
S.N. 010-0040
STA. 507+74.26 TO
STA. 516+05.95
STATION EQUATION:
STA. 548+68.59 (BK.) =
STA. 544+46.48 (AH)

STATION EQUATION:
STA. 634+21.86 (BK.) =
STA. 116+01.71 (AH)



GROSS LENGTH = 22,792.26 FT. = 4.317 MILES
NET LENGTH = 21,960.57 FT. = 4.159 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/13 20 21
Kenia A. Barnett SWAN REGIONAL ENGINEER
February 4 2022
ENGINEER OF DESIGN AND ENVIRONMENT
February 4 2022
Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4 - 7	SUMMARY OF QUANTITIES
8 - 17	EXISTING AND PROPOSED TYPICAL CROSS SECTIONS
18 - 26	SCHEDULE OF QUANTITIES
27 - 46	PLAN SHEETS
47 - 50	PAVEMENT MARKING PLAN SHEETS
51 - 64	DETAILS FOR ADA PEDESTRIAN RAMPS
65 - 67	SIDEROAD CROSS SECTIONS FOR ADA PEDESTRIAN RAMP CONSTRUCTION
68 - 69	DETAIL FOR SIDEROAD & SIDESTREETS (RURAL)
70 - 71	DETAIL FOR PRIVATE COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)
72 - 73	DETAIL FOR FIELD ENTRANCES (NONCOMMERCIAL RURAL)
74	DETAIL FOR MAILBOX TURNOUT (RURAL)
75	DETAIL FOR TRAFFIC CONTROL AND PROTECTION DEVICES (ROAD & SIDEROAD/STREET CLOSURES)
76	DETAIL FOR SURVEY MARKERS TYPE 1 & 2 (SPECIAL)
77	DETAIL FOR SURVEY MONUMENT COVER ASSEMBLY
78	DETAIL FOR RAISED REFLECTIVE PAVEMENT MARKERS ON HORIZONTAL CURVES
79 - 82	DETAIL FOR PAVEMENT MARKING AND MARKINGS (RURAL & URBAN TYPICAL APPLICATIONS)

HIGHWAY 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
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
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

MODEL: I:\MODEL MARKS
 FILE: MARKS_Plan\IUC-Plan_bentley.com\PIV\DOT\Documents\DOT Office\Dir\dr. S\Project\0570C22\CAD\Drawings\CAD\Sheets\0570C22-01-GenNotes.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS & HIGHWAY STANDARDS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	2
CONTRACT NO. 70C22				
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. - 406H
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	US 150	IL 49	US 150	US 150
MIXTURE USE	SURFACE MAINLINE	POLYMER SURFACE AT INTERSECTION	CLASS D PATCHING & P.D. PATCHING	INCIDENTAL & SHOULDER SURFACE
AC/PG	PG 64-22	SBS PG 70-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=70	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMP(GRADATION)	IL 9.5	IL 9.5	IL 19.0	IL 9.5
FRICITION AGGREGATE	MIX "C"	MIX "D"	N.A.	MIX "C"
MIXTURE WEIGHT	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QCP	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	1000	N.A.	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:
LT. STA. 493+32.13; (2350E)

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. 010-0040

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

T.S. 5074-04 STA. 171+72.64, (LT. 29.27')
CHISELED SQUARE
ON WEST HEADWALL OF ENTRANCE ON NORTH SIDE OF US 150
300' PLUS OR MINUS WEST OF MAPLE ST. ON EAST SIDE OF ODGEN.
ELEVATION: 671.75

MODEL: I:\MODEL\NAMES
 FILE: NAME: P:\Public\paw_bentley.com\FWIDOT\Documents\DOT_Offices\Dir\dr: S:\Project\0570C22\CADD\Drawings\0570C22-01b-GenNotes.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**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.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	3
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SHEET 1 OF 4

LOCATION OF WORK:	FAS 1512 / (US 150)	FAS 1512 / (US 150)
	URBAN 2 LANE	RURAL 2 LANE
COUNTY:	CHAMPAIGN	CHAMPAIGN
	STA. 492+50.00	STA. 508+24.00
	TO	TO
	STA. 508+24.00	STA. 198+00.00
FUNDING BREAKOUT:	80% FED	80% FED
	20% STATE	20% STATE
CONSTRUCTION CODE:	0005	0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	175.0	0.0	175.0
35800100	PREPARATION OF BASE	SQ YD	188.0	0.0	188.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	31547.0	2328.0	29219.0
40600370	LONGITUDINAL JOINT SEALANT	FOOT	24152.0	1525.0	22627.0
40600990	TEMPORARY RAMP	SQ YD	189.0	42.0	147.0
40604050	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N50	TON	5254.0	372.0	4882.0
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	231.0	0.0	231.0
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	718.0	0.0	718.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	1680.0	127.0	1553.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	364.0	24.0	340.0
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1308.0	0.0	1308.0
* 42400800	DETECTABLE WARNINGS	SQ FT	112.0	0.0	112.0

* SPECIALTY ITEM

MODEL: I:\MODEL\MHFS FILE: MHFS_Plan\IUSC\Plan\beefey.com\PIV\DOT\Documents\DOT Office\Dir\Dir: S:\Project\157022\CAD\Drawings\CAD\Sheet\157022-rlt-500.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2R5-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	4
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SHEET 2 OF 4

LOCATION OF WORK:	FAS 1512 / (US 150)	FAS 1512 / (US 150)
	URBAN 2 LANE	RURAL 2 LANE
COUNTY:	CHAMPAIGN	CHAMPAIGN
	STA. 492+50.00	STA. 508+24.00
	TO	TO
	STA. 508+24.00	STA. 198+00.00
FUNDING BREAKOUT:	80% FED	80% FED
	20% STATE	20% STATE
CONSTRUCTION CODE:	0005	0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	65567.0	4918.0	60649.0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	69.0	0.0	69.0
44000600	SIDEWALK REMOVAL	SQ FT	1290.0	0.0	1290.0
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	112.0	0.0	112.0
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	32.0	0.0	32.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	845.0	50.0	795.0
48203100	HOT-MIX ASPHALT SHOULDERS	TON	68.0	42.0	26.0
56109210	WATER VALVES TO BE ADJUSTED	EACH	2.0	0.0	2.0
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	2.0	0.0	2.0
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	5.0	1.0	4.0
67100100	MOBILIZATION	L SUM	1.0	0.1	0.9
70100450	TRAFFIC CCNTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.1	0.9

* SPECIALTY ITEM

MODEL: I:\MODEL\MMF5
 FILE: MMF5_Plan\IUSC\Plan\beefey.com\PIV\DOT\Documents\DOT\Office\Dir\drf. 5\Project\0570C22\CADD\Drawings\CAD\Sheets\0570C22-rlt-500.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	5
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SHEET 3 OF 4

LOCATION OF WORK: FAS 1512 / (US 150) FAS 1512 / (US 150)
 URBAN 2 LANE RURAL 2 LANE
 COUNTY: CHAMPAIGN CHAMPAIGN
 STA. 492+50.00 STA. 508+24.00
 TO TO
 STA. 508+24.00 STA. 198+00.00
 FUNDING BREAKOUT: 80% FED 80% FED
 20% STATE 20% STATE
 CONSTRUCTION CODE: 0005 0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
70100460	TRAFFIC CCNTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.1	0.9
70102620	TRAFFIC CCNTROL AND PROTECTION, STANDARD 701501	L SUM	1.0	0.0	1.0
70102640	TRAFFIC CCNTROL AND PROTECTION, STANDARD 701801	L SUM	1.0	0.0	1.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5864.0	368.0	5496.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	978.0	62.0	916.0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	70739.0	6149.0	64590.0
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	639.0	0.0	639.0
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	102.0	0.0	102.0
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5348.0	0.0	5348.0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	639.0	0.0	639.0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	102.0	0.0	102.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	65391.0	6149.0	59242.0

* SPECIALTY ITEM

MODEL: I:\MODEL\MHFS
 FILE: MHFS_Plan\Hbca\beedfay.com\P\DOT\Documents\DOT Office\Drivdr. S\Project\0570C22\CAD\Sheet3\CADSheet3.DWG 70C22-Hb-S00.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -					1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	6
PLOT DATE = 12/13/2021	CHECKED -	REVISED -		SCALE: NONE			CONTRACT NO. 70C22				
	DATE -	REVISED -		SHEET 3 OF 4 SHEETS			ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SHEET 4 OF 4

LOCATION OF WORK:	FAS 1512 / (US 150)	FAS 1512 / (US 150)
	URBAN 2 LANE	RURAL 2 LANE
COUNTY:	CHAMPAIGN	CHAMPAIGN
	STA. 492+50.00	STA. 508+24.00
	TO	TO
	STA. 508+24.00	STA. 198+00.00
FUNDING BREAKOUT:	80% FED	80% FED
	20% STATE	20% STATE
CONSTRUCTION CODE:	0005	0005

CODE_NO	ITEM	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY
* 78011025	GROOVING RECESSED PAVEMENT MARKING 5"	FOOT	5348.0	0.0	5348.0
* 78011065	GROOVING RECESSED PAVEMENT MARKING 13"	FOOT	639.0	0.0	639.0
* 78011125	GROOVING RECESSED PAVEMENT MARKING 25"	FOOT	102.0	0.0	102.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	557.0	116.0	441.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	525.0	95.0	430.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	3748.0	282.0	3466.0
X4406270	PARTIAL DEPTH REMOVAL, TYPE II, 7"	SQ YD	196.0	0.0	196.0
X4421000	PARTIAL DEPTH PATCHING	TON	77.0	0.0	77.0
* XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	22.0	1.0	21.0
Z0001110	GAS VALVE TO BE ADJUSTED	EACH	1.0	0.0	1.0
Z0010910	COLD MILLING (SPECIAL)	SQ YD	510.0	0.0	510.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0	0.1	0.9
* Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	2.0	1.0	1.0

* SPECIALTY ITEM

MODEL: I:\MODEL\MHFE...
FILE: MHFE...
PROJECT: I:\PROJECTS\DOT\Office\Dir\Dir...
PROJECT: I:\PROJECTS\DOT\Office\Dir\Dir...
PROJECT: I:\PROJECTS\DOT\Office\Dir\Dir...

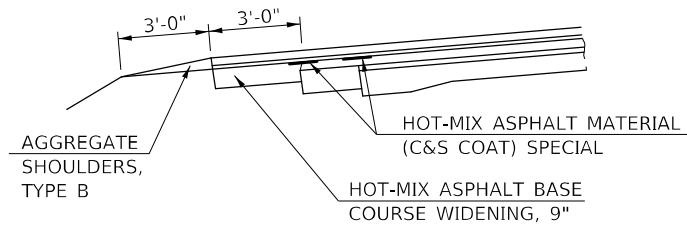
USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

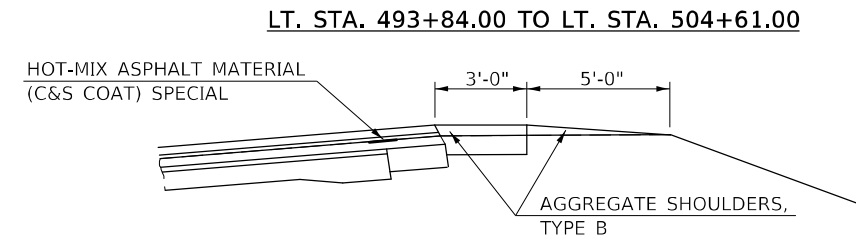
SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	7
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				



SHOULDER DETAIL

(LOW SIDE OF SUPERELEVATED CURVES)

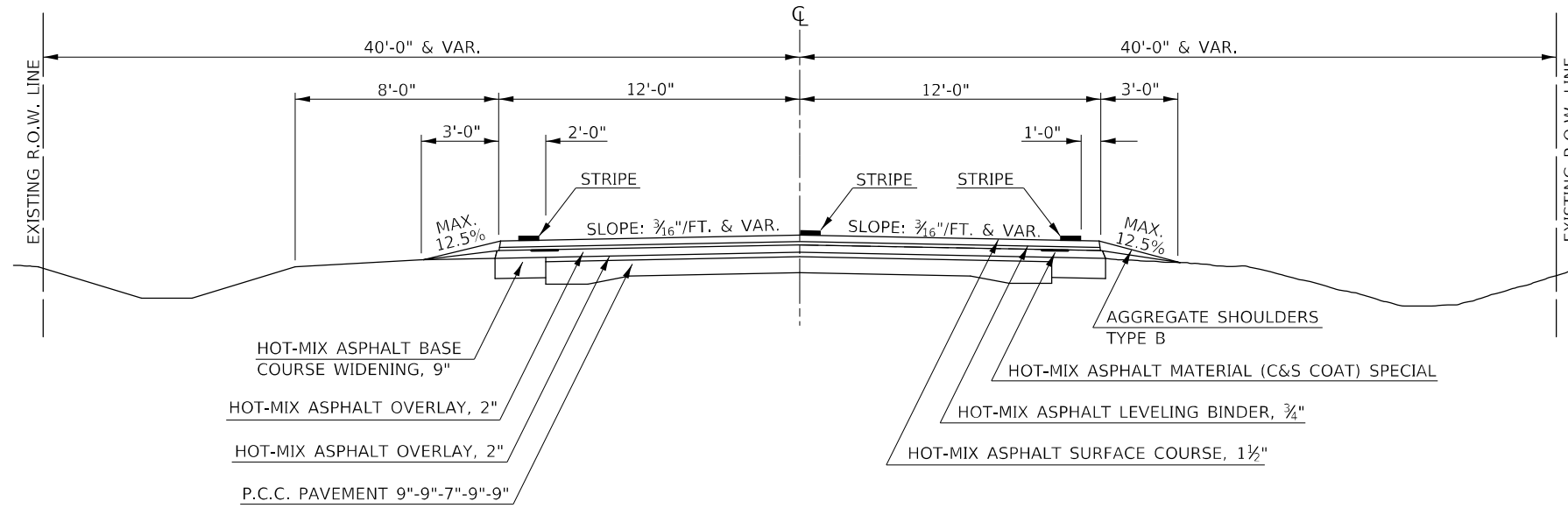


SHOULDER DETAIL

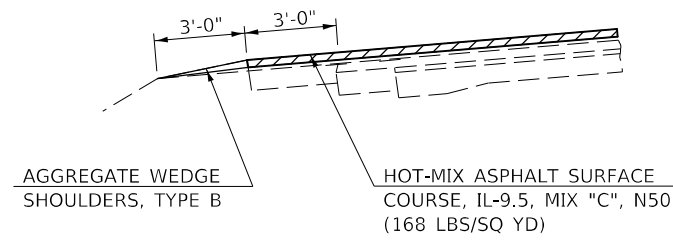
(HIGH SIDE OF SUPERELEVATED CURVES)

A EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION	
RT. 492+50.00		504+13.50 RT.	ⓑ
LT. 492+50.00		504+61.00 LT.	ⓑ
ⓑ RT. 516+95.50		548+68.59 (BK) =	
ⓑ LT. 517+53.00		548+68.59 (BK) =	
544+46.48 (AH)		546+20.00	ⓒ

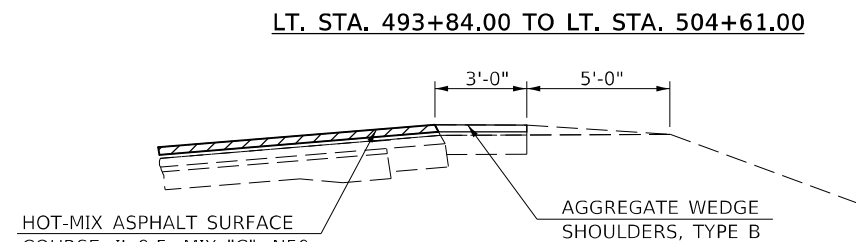


STATION EQUATION:
 STA. 548+68.59 (BK) =
 STA. 544+46.48 (AH)



SHOULDER DETAIL

(LOW SIDE OF SUPERELEVATED CURVES)

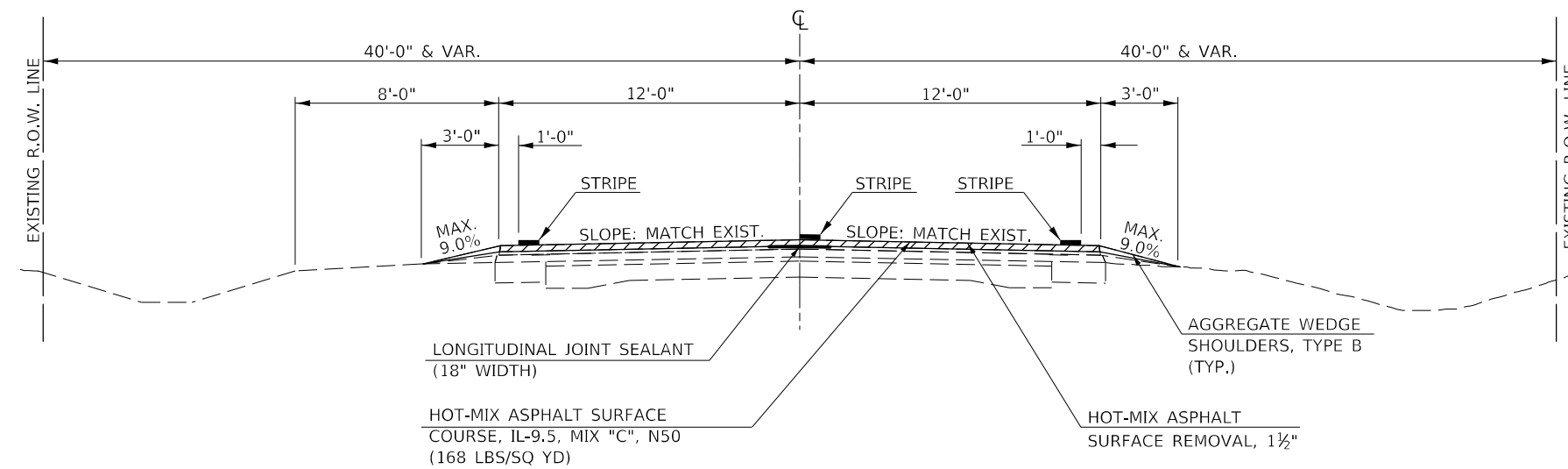


SHOULDER DETAIL

(HIGH SIDE OF SUPERELEVATED CURVES)

1 PROPOSED TYPICAL CROSS SECTION

STATION	TO	STATION	
RT. 492+50.00		504+13.50 RT.	ⓑ
LT. 492+50.00		504+61.00 LT.	ⓑ
ⓑ RT. 516+95.50		548+68.59 (BK) =	
ⓑ LT. 517+53.00		548+68.59 (BK) =	
544+46.48 (AH)		546+20.00	ⓒ



STATION EQUATION:
 STA. 548+68.59 (BK) =
 STA. 544+46.48 (AH)

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

MODEL: I:\MODEL\MHFE
 FILE: 15112.ctb
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\sheet\70C22-ahs-1\plot.ctb
 USER: eaglinda

USER NAME = eaglinga	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISIONS -
PLOT DATE = 12/13/2021	DATE -	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

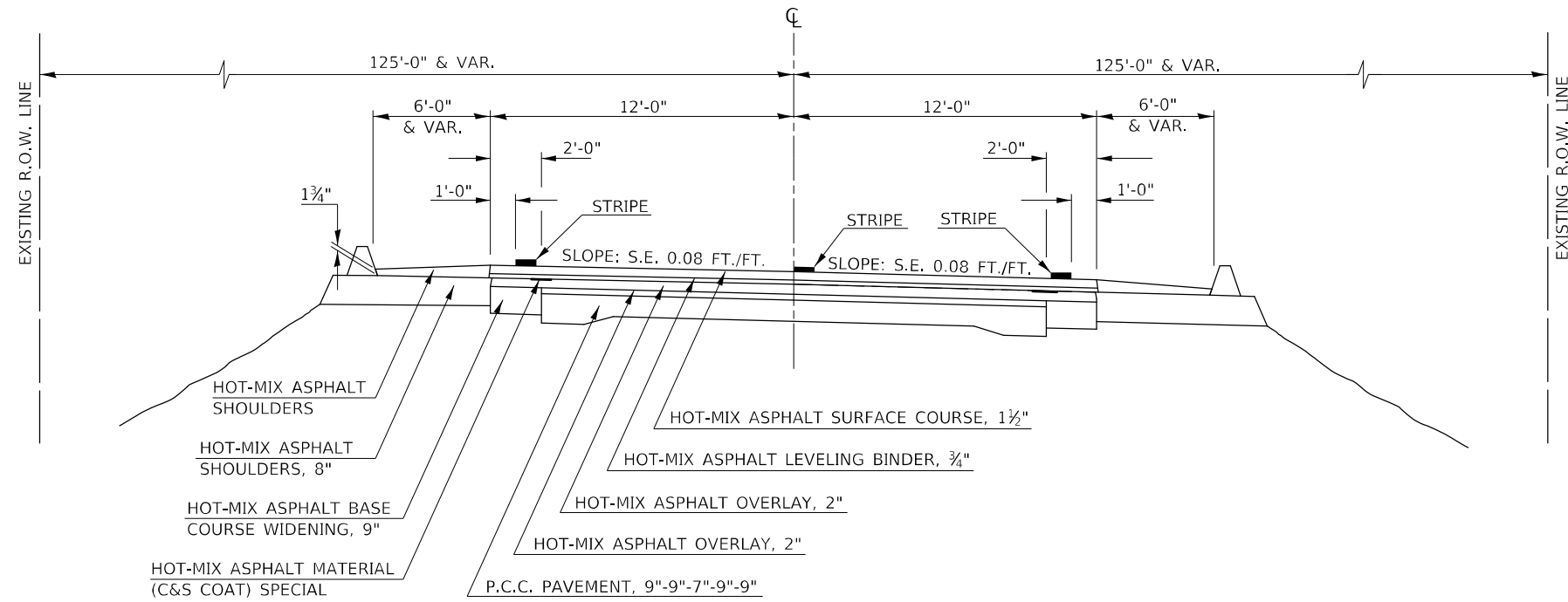
SCALE: NONE SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	8
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

(B) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 (A) RT. 504+13.50 TO 516+95.50 RT. (A)
 (A) LT. 504+61.00 TO 517+53.00 LT. (A)

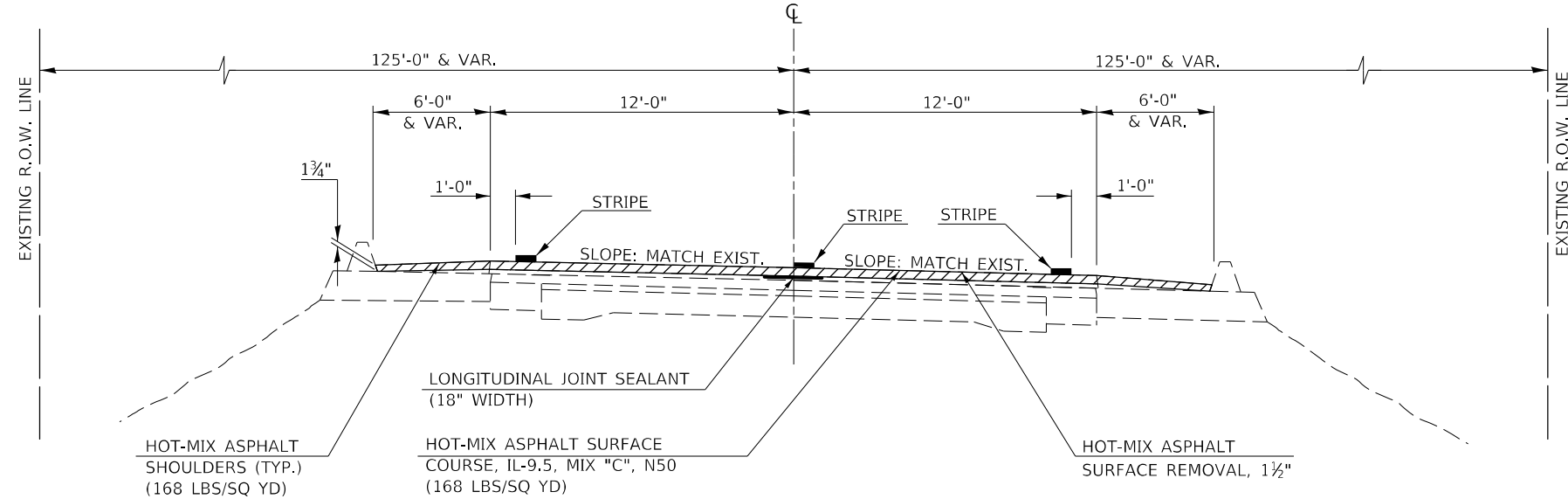
STRUCTURE OMISSION:
 S.N. 010-0040
 STA. 507+74.26 TO
 STA. 516+05.95



(2) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 (A) RT. 504+13.50 TO 516+95.50 RT. (A)
 (A) LT. 504+61.00 TO 517+53.00 LT. (A)

STRUCTURE OMISSION:
 S.N. 010-0040
 STA. 507+74.26 TO
 STA. 516+05.95



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

MODEL: I:\MODEL\MHMF5
 FILE: MHMF5_Plan\Subarea\bea\paw.com\PIV\DOT\Documents\DOT_office\Dir\drf_5\Project\570C22\CADD\Drawings\CAD\Sheets\570C22-shs-Typical.k.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

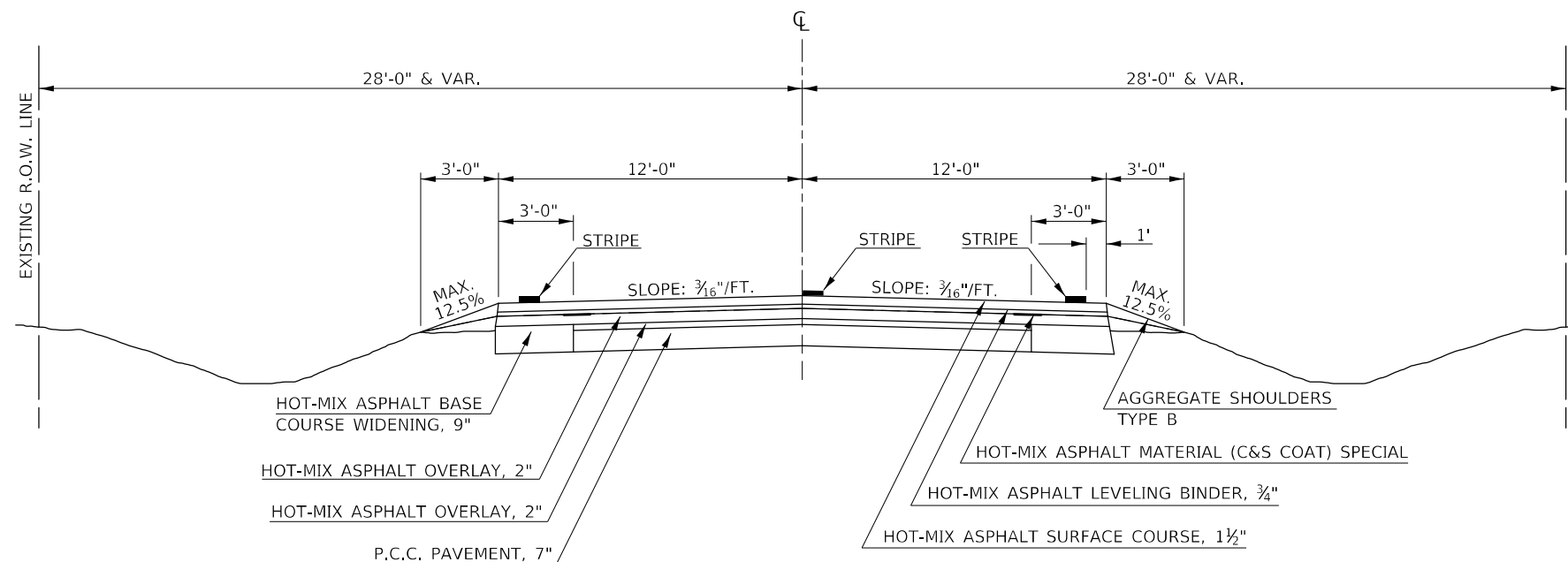
SCALE: NONE SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	9
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

C EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 (A) 546+20.00 TO 634+21.86 (BK) (D)

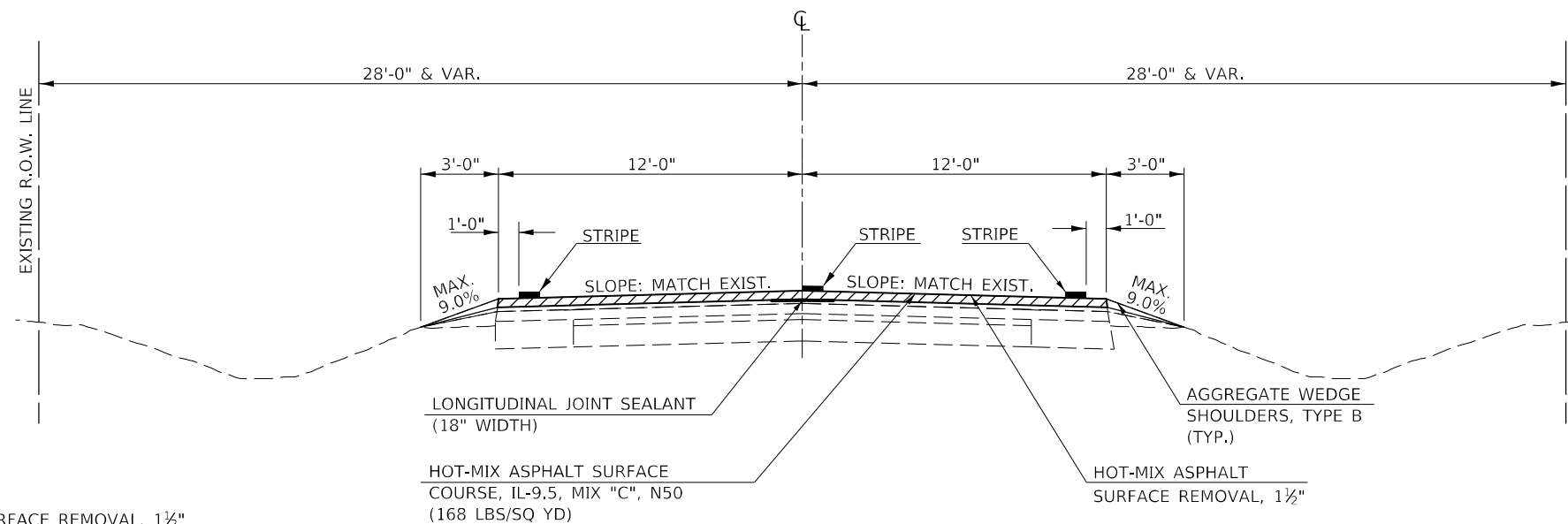
STATION EQUATION:
 STA. 634+21.86 (BK) =
 STA. 116+01.71 (AH)



3 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 (1) 546+20.00 TO 634+21.86 (BK) (4)

STATION EQUATION:
 STA. 634+21.86 (BK) =
 STA. 116+01.71 (AH)



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

MODEL: \\MODEL\MAME
 FILE: \\MAILS_PUB\Public\paw_bear\paw.com\PIV\DOT\Documents\DOT_office\Dir\dr: 5\Project\0570C22\CAD\Drawings\CAD\Drawings\0570C22-ahs-Typical.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

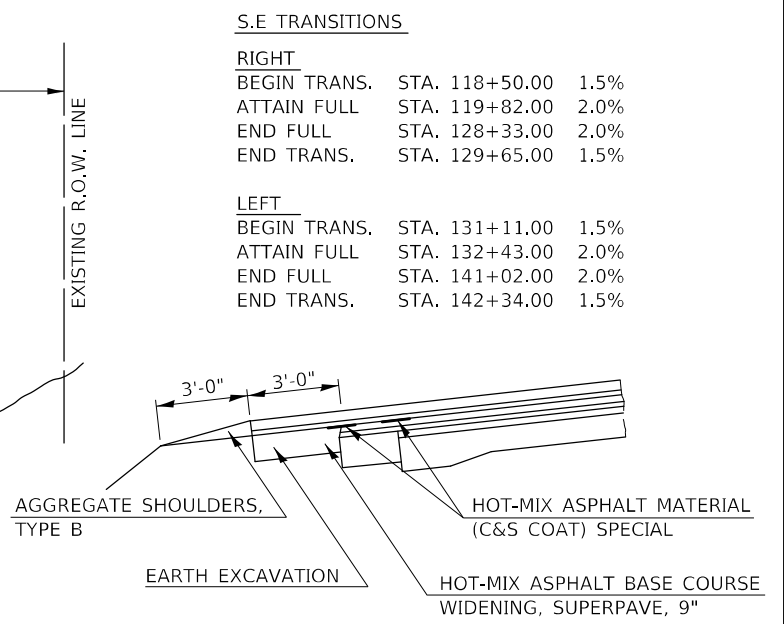
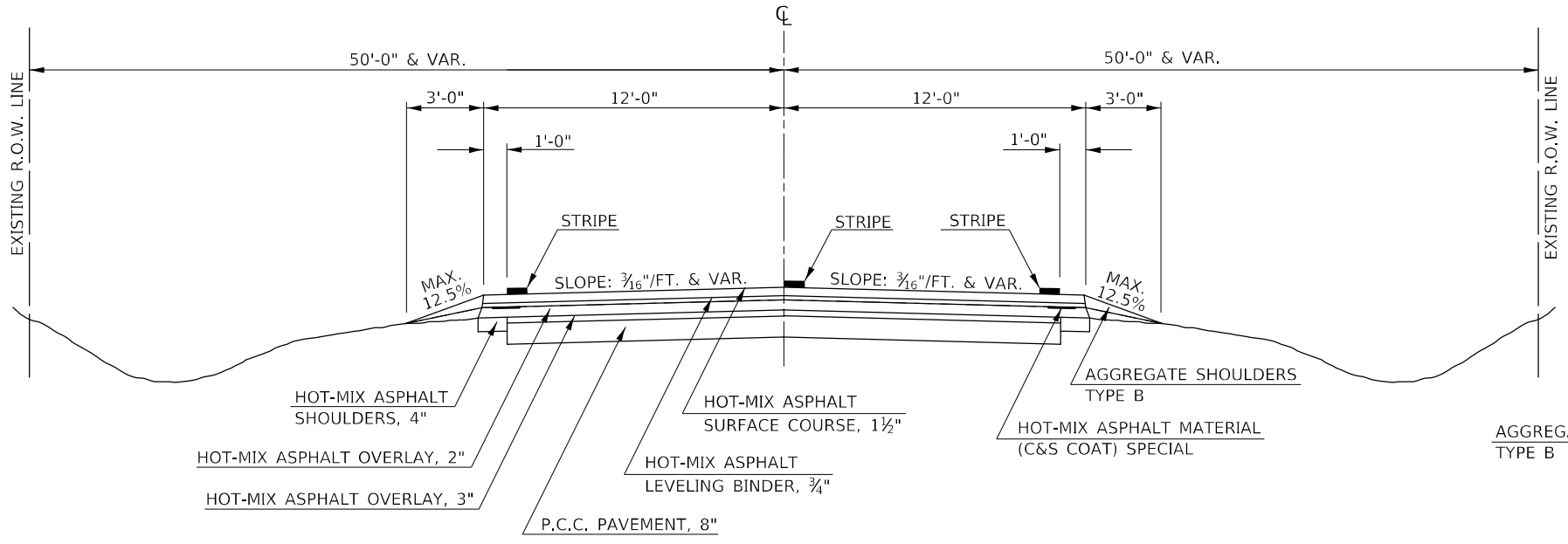
SCALE: NONE SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	10
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

D EXISTING TYPICAL CROSS SECTION

STATION	TO	STATION
③ 116+01.71 (AH)		139+12.00 ⑤
⑥ 168+00.00		198+00.00

STATION EQUATION
 STA. 634+21.86 (BK) =
 STA. 116+01.71 (AH)

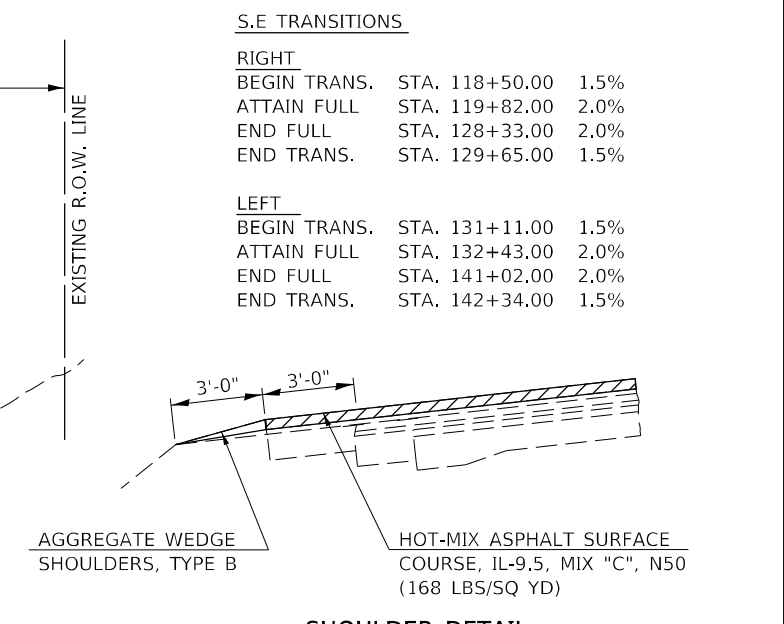
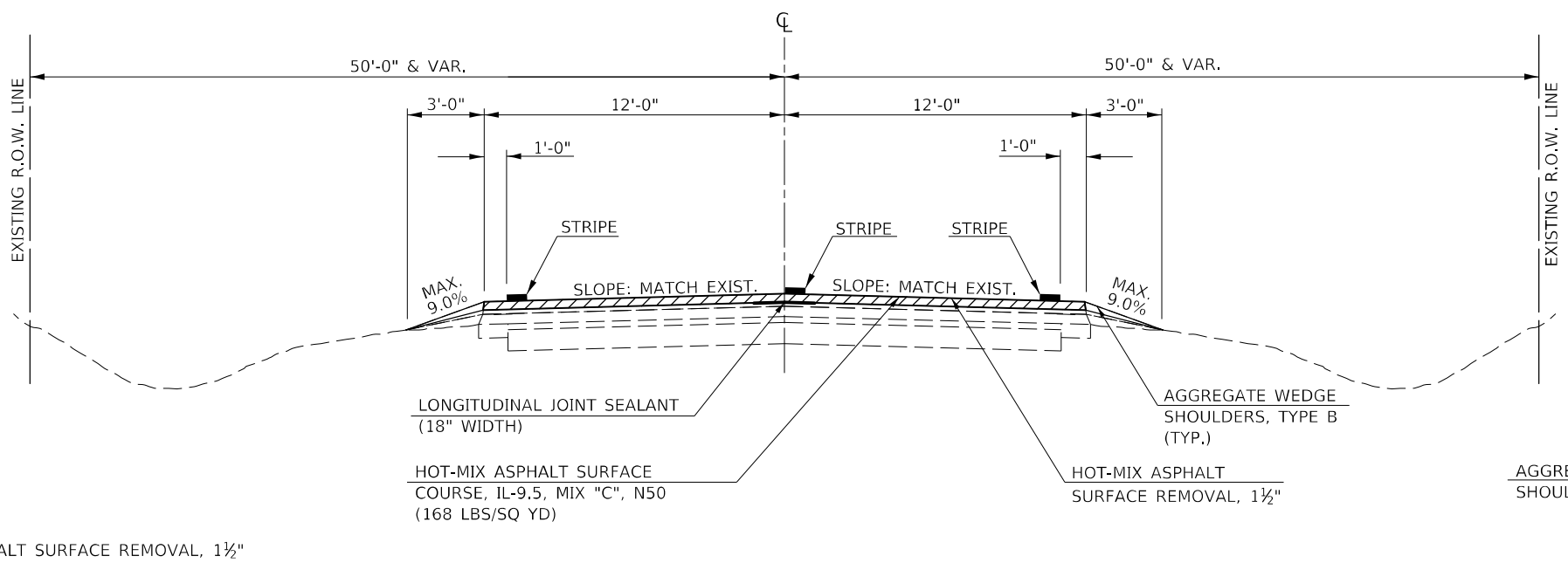


SHOULDER DETAIL
(LOW SIDE OF SUPERELEVATED CURVES)

4 PROPOSED TYPICAL CROSS SECTION

STATION	TO	STATION
① 116+01.71 (AH)		139+12.00 ⑤
⑦ 168+00.00		198+00.00

STATION EQUATION
 STA. 634+21.86 (BK) =
 STA. 116+01.71 (AH)



SHOULDER DETAIL
(LOW SIDE OF SUPERELEVATED CURVES)

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

MODEL: \\MODEL\MAME
 FILE: \\MAILS_PUB\Public\paw_bear\paw.com\PIV\DOT\Documents\DOT_Offices\Dir\Dir: S:\Project\10570C22\CAD\Drawings\10570C22-ahs-Typical.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

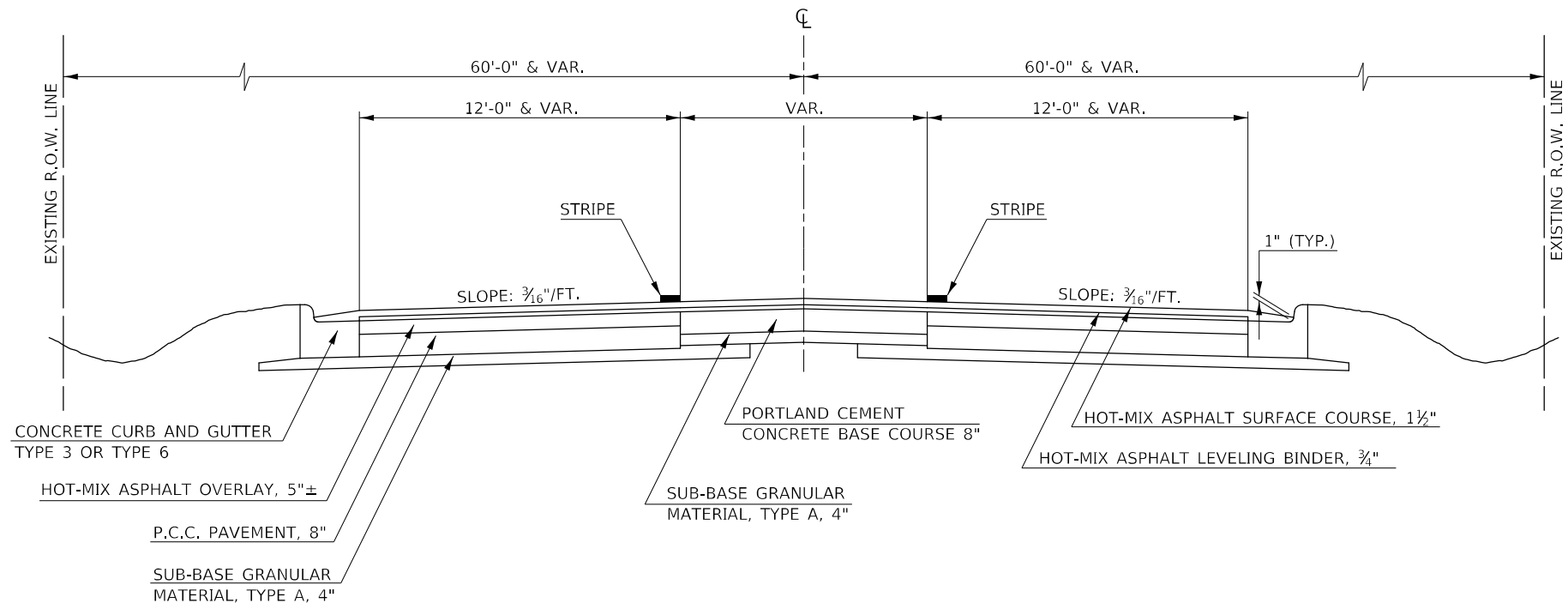
TYPICAL CROSS SECTIONS

SCALE: NONE SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	11
			CONTRACT NO. 70C22	
			ILLINOIS FED. AID PROJECT	

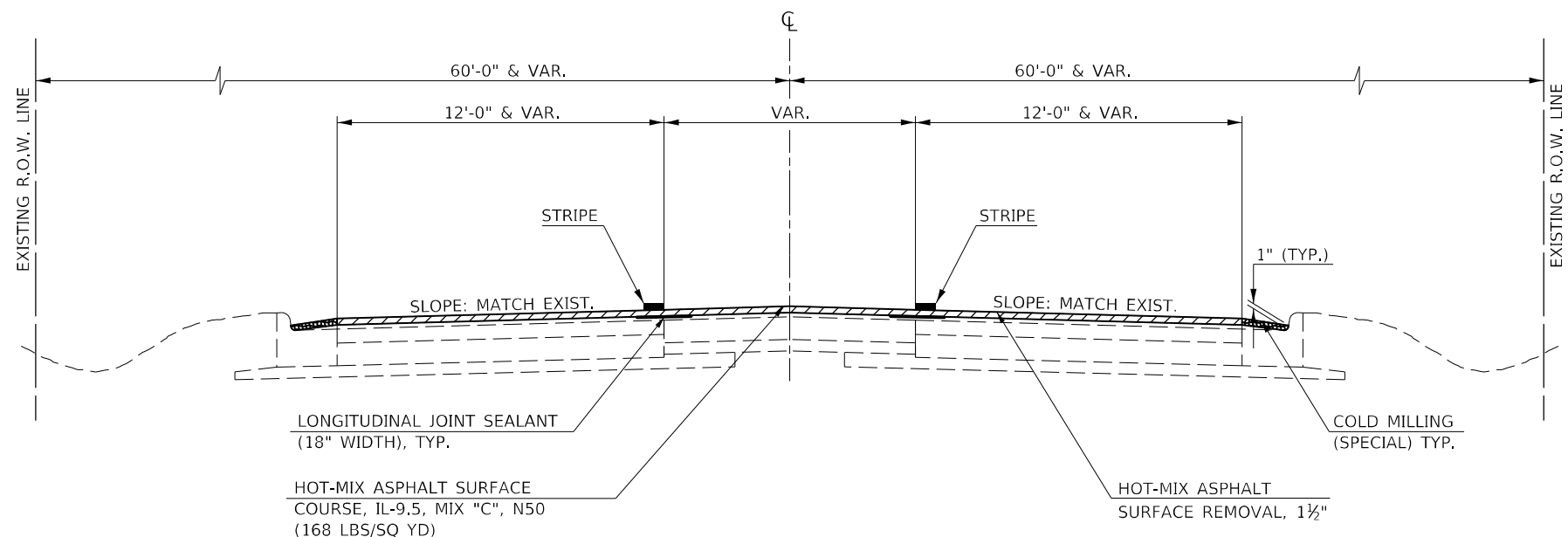
E EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 ④ 139+12.00 146+00.00 ⑥



5 PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 ④ 139+12.00 146+00.00 ⑥



- HOT-MIX ASPHALT SURFACE REMOVAL, 1½"
- COLD MILLING (SPECIAL)

MODEL: I:\MODEL\MMFE FILE: MMFE.dwg PLOT DATE: 12/13/2021

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

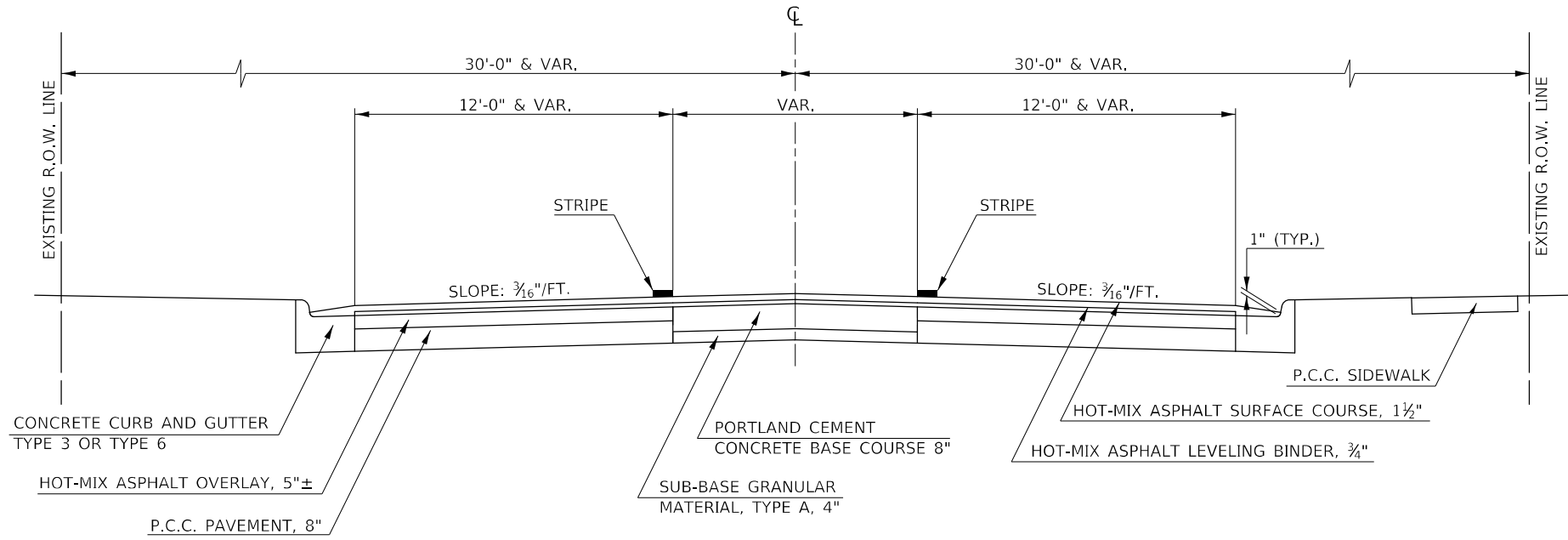
TYPICAL CROSS SECTIONS

SCALE: NONE SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	12
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

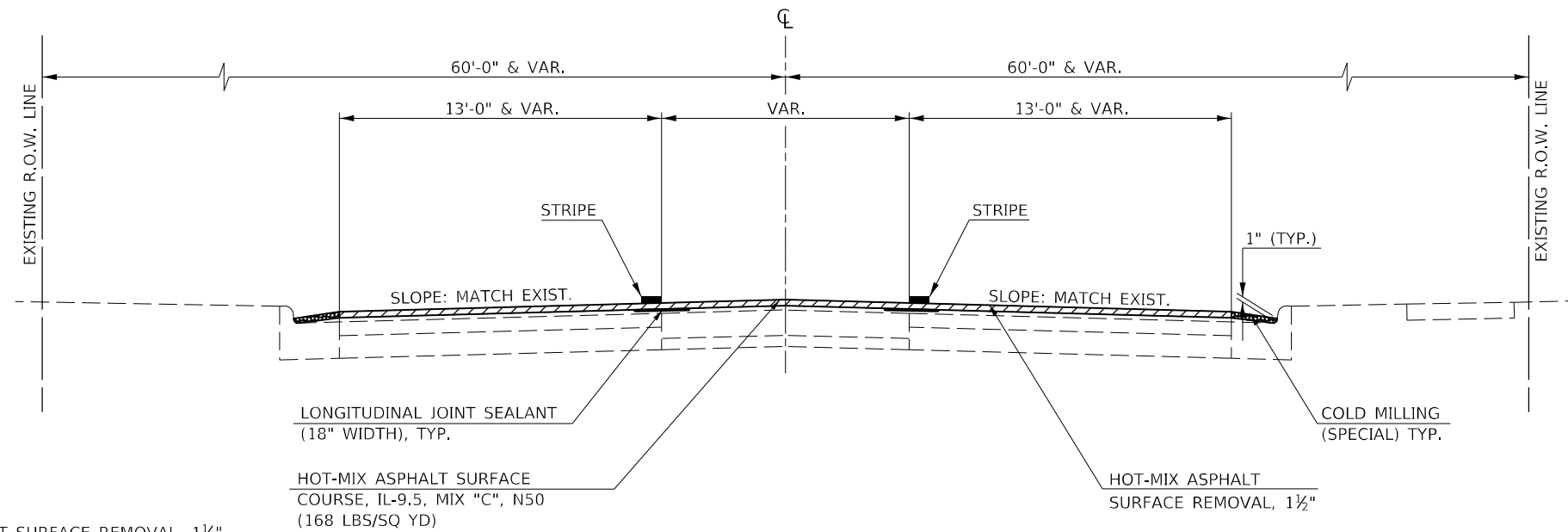
(F) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 (E) 146+00.00 150+00.00 (G)



(6) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 (5) 146+00.00 150+00.00 (7)



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- COLD MILLING (SPECIAL)

MODEL: I:\MODEL\MMF5
 FILE: MMF5.dwg
 PLOT DATE: 12/13/2021
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\Sheets\0570C22-Sub-Typical.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -	
PLOT DATE = 12/13/2021	DATE -	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

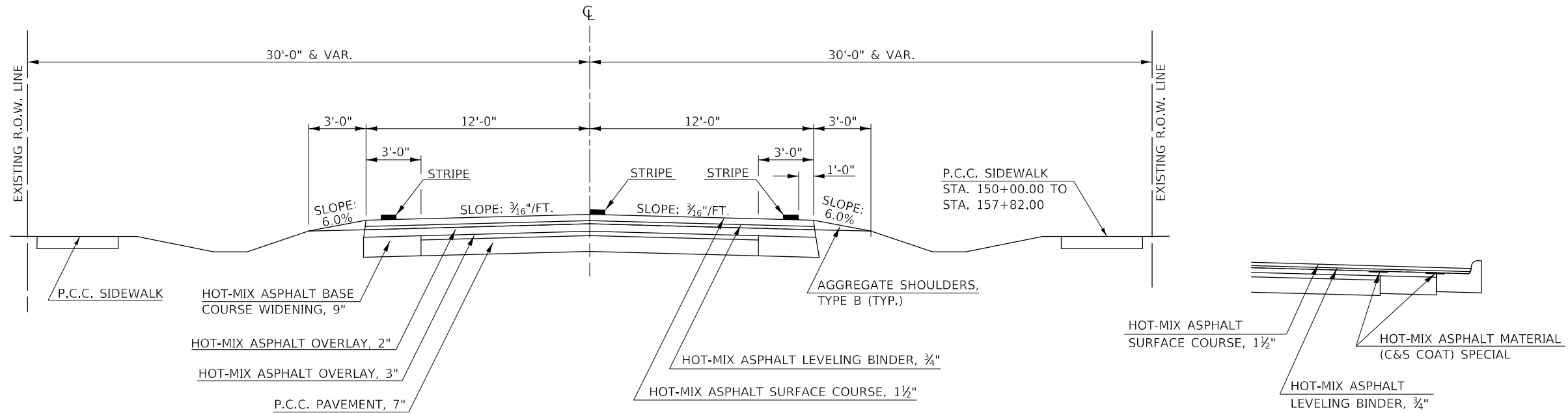
TYPICAL CROSS SECTIONS

SCALE: NONE SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.S. S.RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	13
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

(G) EXISTING TYPICAL CROSS SECTION

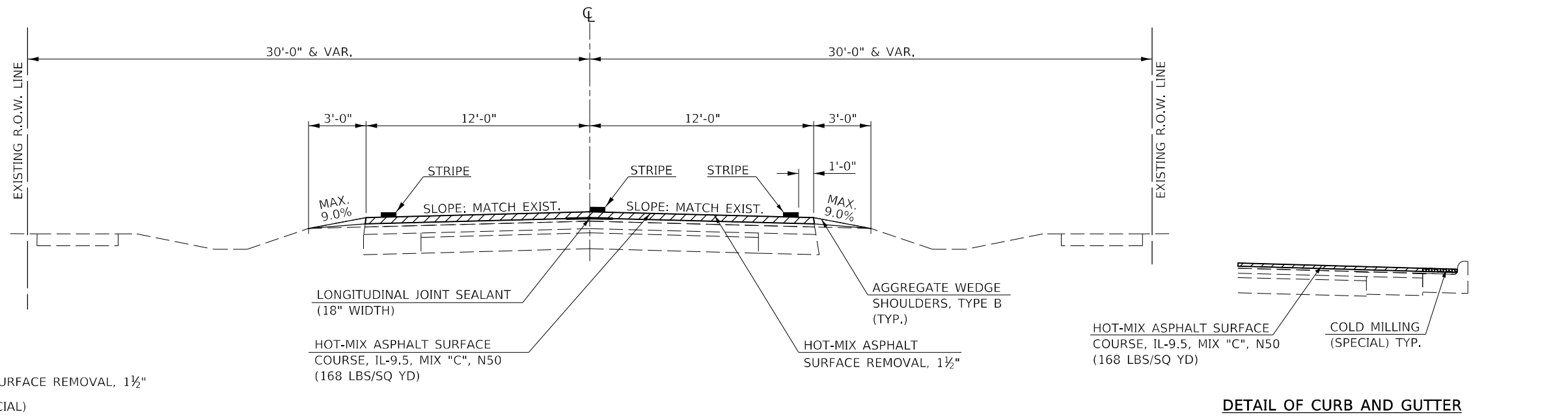
STATION TO STATION
 (F) 150+00.00 TO 168+00.00 (D)



DETAIL OF CURB AND GUTTER
 RT. STA. 152+55.00 TO RT. STA. 155+23.50

(7) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 (E) 150+00.00 TO 168+00.00 (A)



DETAIL OF CURB AND GUTTER
 RT. STA. 152+55.00 TO RT. STA. 155+23.50

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 COLD MILLING (SPECIAL)

MODEL: \\MODEL\MAME
 FILE: \\MAILS_PUB\Public\paw_bentley.com\PIV\DOT\Documents\DOT_office\Dir\dir: S:\Project\1570C22\CAD\data\CAD\sheet\1570C22-rtb-Typical.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

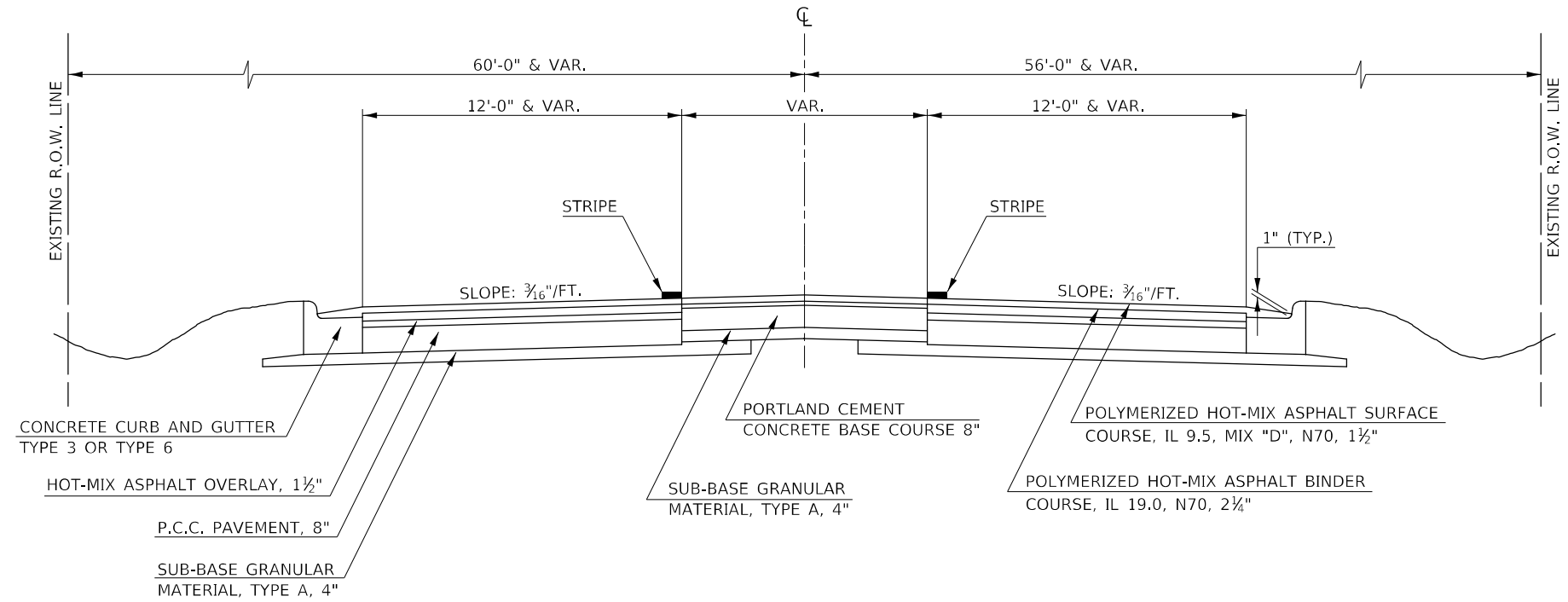
TYPICAL CROSS SECTIONS

SCALE: NONE SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	14
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

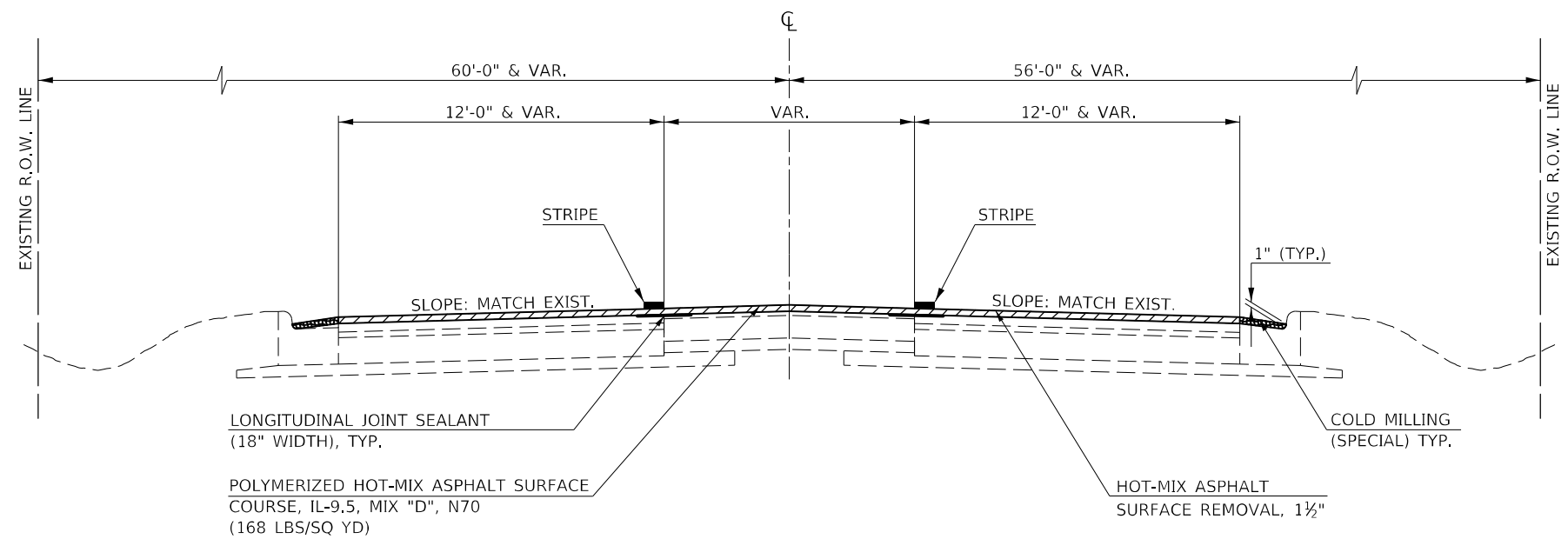
H EXISTING TYPICAL CROSS SECTION (IL 49)

STATION TO STATION
1213+01.00 1217+69.20



8 PROPOSED TYPICAL CROSS SECTION (IL 49)

STATION TO STATION
1213+01.00 1217+69.20



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- COLD MILLING (SPECIAL)

MODEL: \\MODEL\MAME
 FILE: \\MAILS_P\public\paw_beaufy.com\PIV\DOT\Documents\DOT_office\Dir\dr: 5\Project\10570C22\CAD\data\1\CAD\sheet\10570C22-8HS-Typical.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

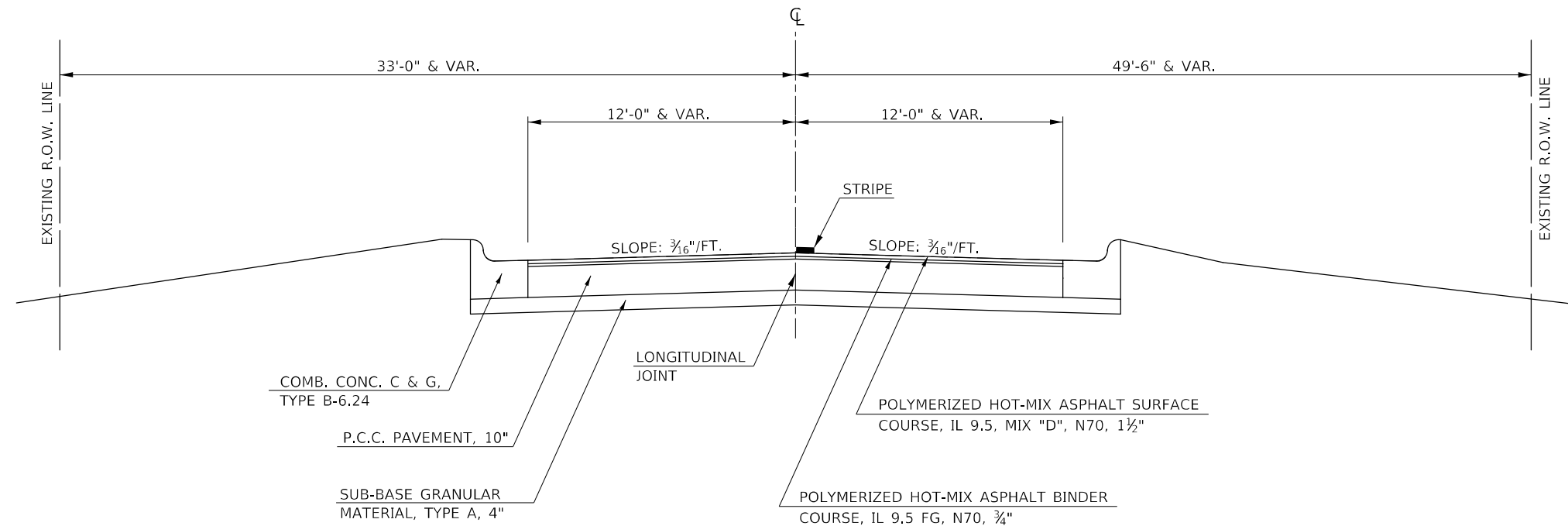
TYPICAL CROSS SECTIONS

SCALE: NONE SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	15
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

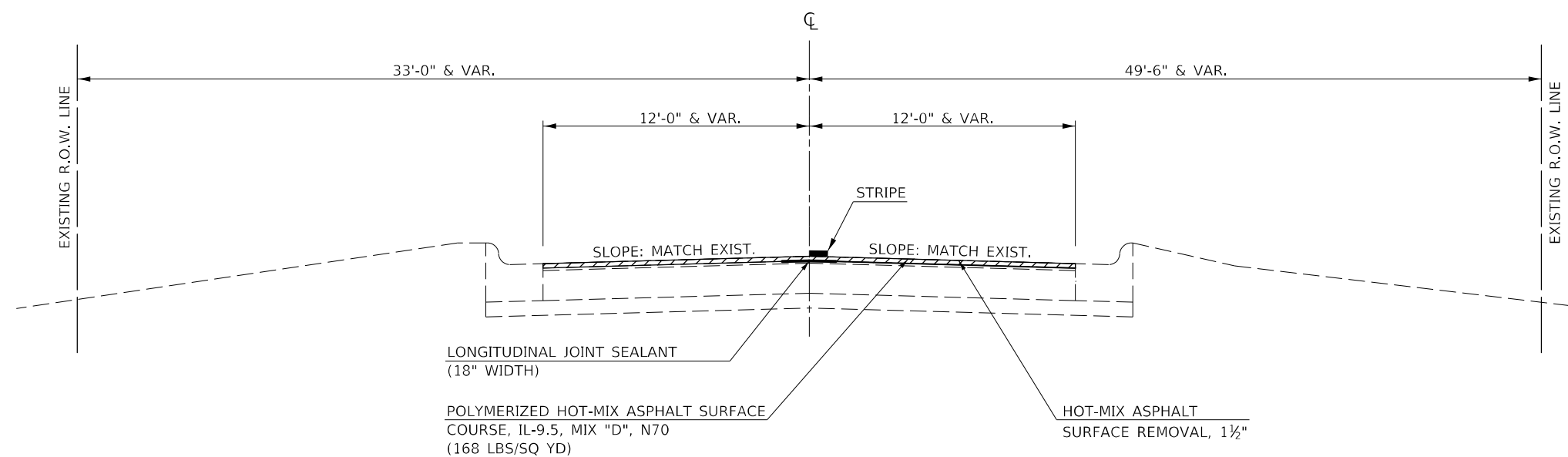
I EXISTING TYPICAL CROSS SECTION (IL 49)

STATION TO STATION
 LT. 1218+09.30 1218+58.20 (J)
 RT. 1218+09.30 1219+12.23 (J)



9 PROPOSED TYPICAL CROSS SECTION (IL 49)

STATION TO STATION
 LT. 1218+09.30 1218+58.20 (10)
 RT. 1218+09.30 1219+12.23 (10)



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

MODEL: I:\MODEL\MHFE
 FILE: MHFE.dwg
 PLOT DATE: 12/13/2021
 PROJECT: I:\PROJECTS\70C22\CADD\CAD\Sheet\70C22-Sub-Typical.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

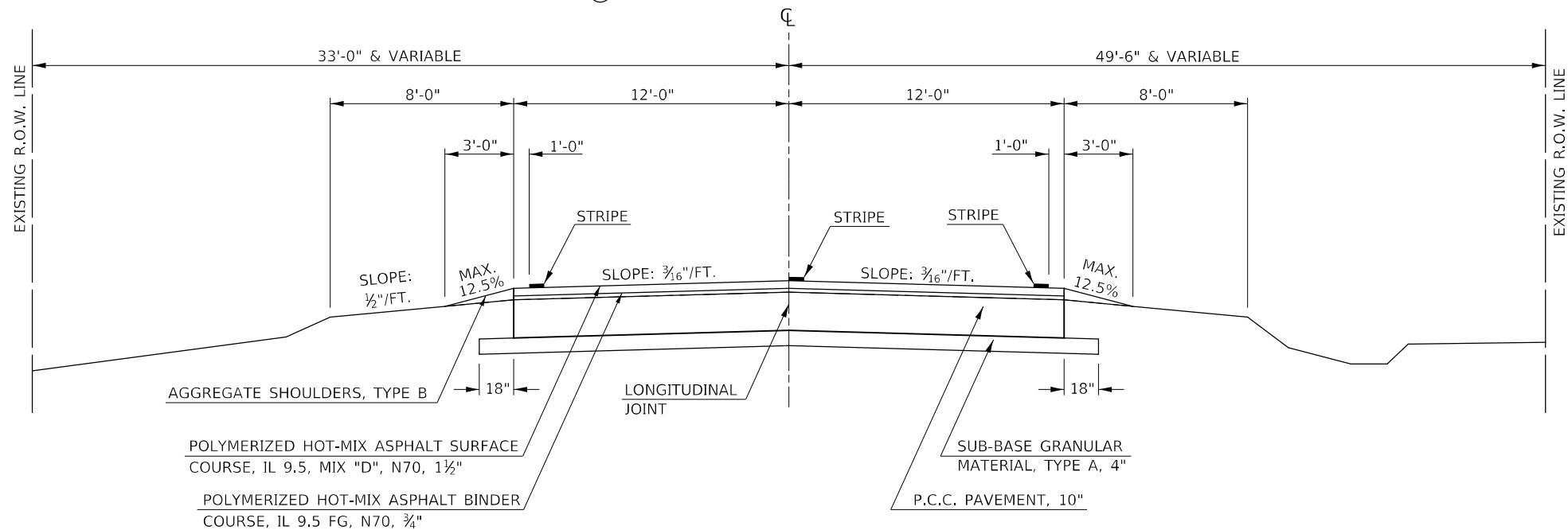
TYPICAL CROSS SECTIONS

SCALE: NONE SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	16
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

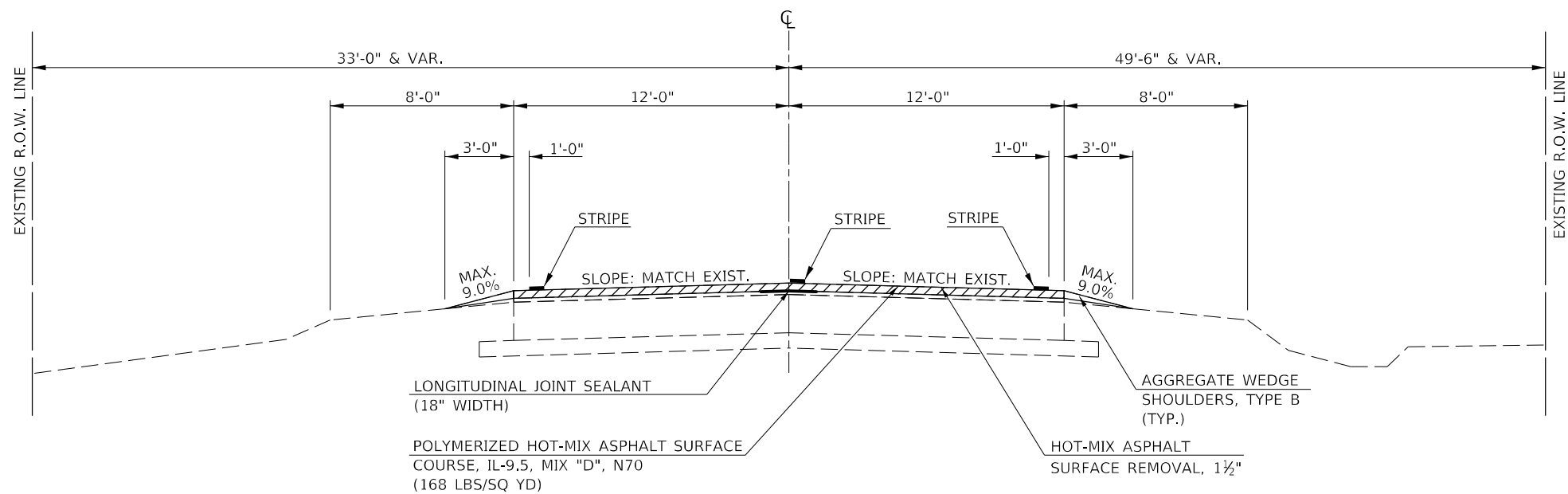
J) EXISTING TYPICAL CROSS SECTION (IL 49)

	STATION	TO	STATION
①	LT. 1218+58.20		1219+80.00
①	RT. 1219+12.23		1219+80.00



10) PROPOSED TYPICAL CROSS SECTION (IL 49)

	STATION	TO	STATION
⑨	LT. 1218+58.20		1219+80.00
⑨	RT. 1219+12.23		1219+80.00



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

MODEL: \\MODEL\MAME FILE: \\MAILS_P\public\paw_bear\paw.com\PIV\DOT\Documents\DOT_Offices\Dir\dr: S:\Project\10570C22\CAD\Drawings\CAD\Drawings\10570C22-shs-Typical.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS

SCALE: NONE SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	17
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SHEET 1 OF 9

CLASS D PATCHING SCHEDULE

LOCATION	NUMBER OF PATCHES (QTY)	LENGTH (F1)	WIDTH (F1)	QUANTITY PER PATCH SIZE (SQ YD)	44201815	44201819
					TYPE II, 14" (SQ YD)	TYPE III, 14" (SQ YD)
US 150 RURAL	14.0	6.0	12.0	8.00	112.00	
US 150 RURAL	2.0	12.0	12.0	16.00		32.00
URBAN TOTAL =					0.00	0.00
USE =					0.00	0.00
RURAL TOTAL =					112.00	32.00
USE =					112.00	32.00
					SQ YD	SQ YD

NOTE:

FIELD INSPECTION HAS DETERMINED THAT THE QUANTITY OF CLASS D 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.

PARTIAL DEPTH PATCHING SCHEDULE

LOCATION	NUMBER OF PATCHES (QTY)	LENGTH (FT)	WIDTH (FT)	QUANTITY PER PATCH SIZE (SQ YD)	** HOT-MIX ASPHALT DEPTH (INCHES)	X4406270	X4421000
					PARTIAL DEPTH REMOVAL, TYPE II, 7" (SQ YD)	PARTIAL DEPTH PATCHING (TON)	
US 150 RURAL	20.0	6.0	12.0	8.00	7.0	160.00	62.72
US 150 RURAL	1.0	20.0	4.0	8.89	7.0	8.89	3.48
US 150 RURAL	1.0	60.0	4.0	26.67	7.0	26.67	10.45
URBAN TOTAL =						0.00	0.00
USE =						0.00	0.00
TOTAL =						195.56	76.66
USE =						196.00	77.00
						SQ YD	TON

NOTES:

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

** THE DEPTH OF THE PARTIAL DEPTH PATCH SHALL GO TO THE TOP OF THE PCC PAVEMENT.

(ADA) PEDESTRIAN RAMP SCHEDULE

LOCATION	(SQ FT)	(SQ FT)	(SQ FT)	44000600	42400200	42400800
				SIDEWALK REMOVAL (SQ FT)	PORTLAND CEMENT CONCRETE SIDEWALK, 5" (SQ FT)	DETECTABLE WARNINGS (SQ FT)
1 EAST ST.	N.W. QUADRANT	RURAL	97.0	98.0	8.0	
2 EAST ST.	N.E. QUADRANT	RURAL	169.0	173.0	8.0	
3 EAST ST.	S.W. QUADRANT	RURAL	140.0	144.0	8.0	
4 EAST ST.	S.E. QUADRANT	RURAL	192.0	201.0	8.0	
5 LENEY ST.	N.W. QUADRANT	RURAL	62.0	66.0	8.0	
6 LENEY ST.	N.E. QUADRANT	RURAL	67.0	64.0	8.0	
7 LENEY ST.	S.W. QUADRANT	RURAL	65.0	67.0	8.0	
8 LENEY ST.	S.E. QUADRANT	RURAL	70.0	69.0	8.0	
9 WILLOW ST.	N.W. QUADRANT	RURAL	63.0	65.0	8.0	
10 WILLOW ST.	N.E. QUADRANT	RURAL	70.0	71.0	8.0	
11 ELM ST.	N.W. QUADRANT	RURAL	74.0	71.0	8.0	
12 ELM ST.	N.E. QUADRANT	RURAL	72.0	73.0	8.0	
13 SYCAMORE ST.	N.W. QUADRANT	RURAL	83.0	84.0	8.0	
14 SYCAMORE ST.	N.E. QUADRANT	RURAL	66.0	62.0	8.0	
URBAN TOTAL =				0.0	0.0	0.0
USE =				0.0	0.0	0.0
RURAL TOTAL =				1290.0	1308.0	112.0
USE =				1290.0	1308.0	112.0
GRAND TOTAL =				1290.0	1308.0	112.0
				SQ FT	SQ FT	SQ FT

MODEL: I:\MODEL\MMF5
 FILE: MMF5_Plan\Subcontractor\70C22\CAD\Drawings\DOT\Office\Drawings\Project\70C22\CAD\Drawings\70C22-Sub-Schedule.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	18
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SHEET 2 OF 9

HOT-MIX ASPHALT SCHEDULE

LOCATION	STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ YD)	HMA SURFACE THICKNESS (INCHES)	44000155 HMA SURFACE REMOVAL, 1-1/2" (SQ YD)	Z0010910 COLD MILLING SPECIAL (SQ YD)	40600290 BITUMINOUS MATERIAL TACK COAT (POUND)	40604050 HOT-MIX ASPHALT, IL 9.5 MIX "C", N50 (TON)	40604162 POLY HOT-MIX ASPHALT, IL 9.5 MIX "D", N70 (TON)	48203100 HOT-MIX ASPHALT SHOULDERS (TON)	
RT. URBAN	492+50.00		493+46.00	96.00	12.00	128.00	1.5	128.00		57.60	10.75			
RT. URBAN	493+46.00		504+13.50	1067.50	15.00	1779.17	1.5	1779.17		800.63	149.45			
RT. URBAN	504+13.50		507+74.26	360.76	12.00	481.01	1.5	481.01		216.46	40.41			
RT. URBAN	504+13.50		507+96.00	382.50	6.00	255.00	1.5	255.00		114.75			21.42	
RT. RURAL	515+68.00		516+95.50	127.50	6.00	85.00	1.5	85.00		38.25			7.14	
RT. RURAL	516+05.95		528+90.00	1284.05	12.00	1712.07	1.5	1712.07		770.43	143.81			
RT. RURAL	528+90.00		535+37.00	647.00	15.00	1078.33	1.5	1078.33		485.25	90.58			
RT. RURAL	535+37.00		548+68.59 (BK)	1331.59	12.00	1775.45	1.5	1775.45		798.95	149.14			
RT. RURAL	544+46.48 (AH)		634+21.86 (BK)	8975.38	12.00	11967.17	1.5	11967.17		5385.23	1005.24			
RT. RURAL	116+01.71 (AH)		118+84.00	282.29	12.00	376.39	1.5	376.39		169.37	31.62			
RT. RURAL	118+84.00		129+41.00	1057.00	15.00	1761.67	1.5	1761.67		792.75	147.98			
RT. RURAL	129+41.00		139+00.00	959.00	12.00	1278.67	1.5	1278.67		575.40	107.41			
RT. RURAL	139+00.00		144+67.90	567.90	17.30	1091.63	1.5	1091.63		491.23	91.70			
RT. RURAL	141+70.00		143+87.00	217.00		49.00	1.5		49.00	22.05	4.12			
RT. RURAL	144+67.90		150+03.00	535.10	17.80	1058.31	1.5	1058.31		476.24	88.90			
RT. RURAL	145+40.00		147+65.05	225.05		50.00	1.5		50.00	22.50	4.20			
RT. RURAL	148+05.13		150+03.00	197.87		48.00	1.5		48.00	21.60	4.03			
RT. RURAL	150+03.00		155+23.50	520.50	12.00	694.00	1.5	694.00		312.30	58.30			
RT. RURAL	152+55.00		155+23.50	268.50		80.00	1.5		80.00	36.00	6.72			
RT. RURAL	155+23.50		185+02.00	2978.50	12.00	3971.33	1.5	3971.33		1787.10	333.59			
RT. RURAL	185+02.00		196+94.50	1192.50	15.00	1987.50	1.5	1987.50		894.38	166.95			
RT. RURAL	196+94.50		198+00.00	105.50	12.00	140.67	1.5	140.67		63.30	11.82			
RT. RURAL	1213+01.00		1217+69.20	468.20	14.20	738.72	1.5	738.72		332.42		62.05		
RT. RURAL	1215+17.50		1217+69.20	251.70		64.00	1.5		64.00	28.80		5.38		
RT. RURAL	1218+09.30		1219+80.00	170.70	23.30	441.92	1.5	441.92		198.87		37.12		
LT. URBAN	492+50.00		507+74.26	1524.26	12.00	2032.35	1.5	2032.35		914.56	170.72			
LT. URBAN	504+61.00		508+24.00	363.00	6.00	242.00	1.5	242.00		108.90			20.33	
LT. RURAL	515+68.00		517+53.00	185.00	6.00	123.33	1.5	123.33		55.50			10.36	
LT. RURAL	516+05.95		517+53.00	147.05	12.00	196.07	1.5	196.07		88.23	16.47			
LT. RURAL	517+53.00		526+76.50	923.50	15.00	1539.17	1.5	1539.17		692.63	129.29			
LT. RURAL	526+76.50		548+68.59 (BK)	2192.09	12.00	2922.79	1.5	2922.79		1315.25	245.51			
LT. RURAL	544+46.48 (AH)		634+21.86 (BK)	8975.38	12.00	11967.17	1.5	11967.17		5385.23	1005.24			
LT. RURAL	116+01.71 (AH)		131+36.00	1534.29	12.00	2045.72	1.5	2045.72		920.57	171.84			
LT. RURAL	131+36.00		139+30.00	794.00	15.00	1323.33	1.5	1323.33		595.50	111.16			
LT. RURAL	139+30.00		144+67.21	537.21	18.80	1122.17	1.5	1122.17		504.98	94.26			
LT. RURAL	141+30.00		143+19.50	189.50		42.00	1.5		42.00	18.90	3.53			
LT. RURAL	144+67.21		150+06.00	538.79	16.00	957.85	1.5	957.85		431.03	80.46			
LT. RURAL	146+08.00		150+06.00	398.00		89.00	1.5		89.00	40.05	7.48			
LT. RURAL	150+06.00		150+66.00	60.00	14.00	93.33	1.5	93.33		42.00			7.84	
LT. RURAL	150+06.00		171+65.00	2159.00	12.00	2878.67	1.5	2878.67		1295.40	241.81			
LT. RURAL	171+65.00		183+50.00	1185.00	15.00	1975.00	1.5	1975.00		888.75	165.90			
LT. RURAL	183+50.00		198+00.00	1450.00	12.00	1933.33	1.5	1933.33		870.00	162.40			
LT. RURAL	1213+01.00		1217+69.20	468.20	20.80	1082.06	1.5	1082.06		486.93		90.89		
LT. RURAL	1214+11.50		1217+69.20	357.70		88.00	1.5		88.00	39.60		7.39		
LT. RURAL	1218+09.30		1219+80.00	170.70	17.40	330.02	1.5	330.02		148.51		27.72		
								URBAN TOTAL =	4917.53	0.00	2212.89	371.32	0.00	41.75
								USE =	4918.00	0.00	2213.00	372.00	0.00	42.00
								RURAL TOTAL =	60648.84	510.00	27521.48	4881.45	230.56	25.34
								USE =	60649.00	510.00	27522.00	4882.00	231.00	26.00
								GRAND TOTAL =	65567.00	510.00	29735.00	5254.00	231.00	68.00
									SQ YD	SQ YD	POUND	TON	TON	TON

NOTE:

ADDITIONAL QUANTITIES FOR PAY ITEM 40600290 ARE ON SHEET 20.

WHERE HOT-MIX ASPHALT IS CONSTRUCTED IN THE CURB & GUTTER FLAG, THE PAY LIMIT WIDTH USED FOR COLD MILLING (SPECIAL) IS 2'-0".

MODEL: I:\MODEL\MHFS
 FILE: hmf0500\paw\user\paw\hmf0500\CADD\310570C22\CADD\310570C22\DOT Offsets\Dir\hmf0500\CADD\310570C22-Sub-Schedule.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * 1/16"	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	19
CONTRACT NO. 70C22				
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

SHEET 4 OF 9

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)	44000200 DRIVEWAY PAVEMENT REMOVAL (SQ YD)	35800100 PREPARATION OF BASE (SQ YD)	35101800 AGGREGATE BASE COURSE, TYPE B, 6" (SQ YD)	40800025 BITUMINOUS MATERIALS PRIME COAT (POUND)	40800029 BITUMINOUS MATERIALS TACK COAT (POUND)	40800050 INCIDENTAL HMA SURFACING (TON)	COMMENTS
RT. 493+32.13	2350 E	URBAN	114.00	114.00	1.50	114.00				51.30	9.58	37 FT FROM EOP ALONG C.L.
LT. 493+32.13	2350 E	URBAN	139.00	139.00	1.50	139.00				62.55	11.68	34 FT FROM EOP ALONG C.L.
RT. 496+20.00	20' F.E.	URBAN	16.00	16.00	1.50	16.00				7.20	1.34	MATCH EXISTING APRON
LT. 498+84.00	18' F.E.	URBAN	13.00	13.00	1.50	13.00				5.85	1.09	3 FT FROM EOP
LT. 522+45.00	24' C.E.	RURAL	32.00	44.00	3.00		32.00	52.00	99.00		7.39	7 FT FROM EOS
RT. 522+48.00	24' F.E.	RURAL	17.00	17.00	1.50	17.00				7.65	1.43	MATCH EXISTING APRON
LT. 528+65.00	24' F.E.	RURAL	15.00	15.00	1.50	15.00				6.75	1.26	3 FT FROM EOP
RT. 528+67.00	24' F.E.	RURAL	15.00	15.00	1.50	15.00				6.75	1.26	MATCH EXISTING APRON
RT. 537+76.00	12' P.E. W/ MBTO	RURAL	60.00	62.00	1.52	60.00	2.00		4.50	27.00	5.29	10 FT FROM EOP
RT. 540+58.50	2450 E	RURAL	61.00	64.00	1.54	61.00	3.00		6.75	27.45	5.51	16 FT FROM EOP ALONG C.L.
LT. 540+69.00	2450 E	RURAL	221.00	221.00	1.50	221.00				99.45	18.56	33 FT FROM EOP ALONG C.L.
RT. 548+27.00	MBTO	RURAL	38.00	40.00	1.54	38.00	2.00		4.50	17.10	3.45	7 FT FROM EOP
LT. 548+29.50	12' P.E.	RURAL	31.00	31.00	1.50	31.00				13.95	2.60	MATCH EXISTING APRON
RT. 548+26.50	14' P.E.	RURAL	30.00	33.00	1.57	30.00	3.00		6.75	13.50	2.90	12 FROM EOP
LT. 548+31.00	18' F.E.	RURAL	6.00	12.00	2.00	6.00	6.00		13.50	2.70	1.34	3 FT FROM EOP
RT. 548+91.00	12' P.E. W/ MBTO	RURAL	62.00	66.00	1.55	62.00	4.00		9.00	27.90	5.72	10 & 8 FT FROM EOP
LT. 562+92.30	2500 E	RURAL	90.00	90.00	1.50	90.00				40.50	7.56	23 FT FROM EOP ALONG C.L.
RT. 562+94.30	2500 E	RURAL	116.00	117.00	1.51	116.00	1.00		2.25	52.20	9.87	27 FT FROM EOP ALONG C.L.
RT. 564+43.00	14' P.E.	RURAL	32.00	32.00	1.50	32.00				14.40	2.69	MATCH EXISTING APRON
RT. 565+56.00	12' F.E.	RURAL	7.00	11.00	1.83	7.00	4.00		9.00	3.15	1.13	3 FT FROM EOP
LT. 575+89.00	16' F.E.	RURAL	9.00	11.00	1.65	9.00	2.00		4.50	4.05	1.02	3 FT FROM EOP
RT. 576+11.00	12' C.E.	RURAL	31.00	31.00	1.50	31.00				13.95	2.60	MATCH EXISTING APRON
RT. 584+06.50	2550 E	RURAL	77.00	77.00	1.50	77.00				34.65	6.47	20 FT FROM EOP ALONG C.L.
RT. 585+41.50	18' P.E.	RURAL	32.00	32.00	1.50	32.00				14.40	2.69	9.5 FT FROM EOP
RT. 586+67.00	20' F.E.	RURAL	11.00	12.00	1.57	11.00	1.00		2.25	4.95	1.05	3 FT FROM EOP
RT. 588+90.50	14' P.E. W/ MBTO	RURAL	77.00	81.00	1.54	77.00	4.00		9.00	34.65	6.98	10 & 8 FT FROM EOP
RT. 593+83.00	MBTO	RURAL	44.00	41.00	1.50	44.00				18.45	3.44	3 FT FROM EOP
LT. 593+86.00	12' P.E.	RURAL	29.00	29.00	1.50	29.00				13.05	2.44	MATCH EXISTING APRON
RT. 610+43.00	18' F.E.	RURAL	13.00	13.00	1.50	13.00				5.85	1.09	3 FT FROM EOP
RT. 623+75.00	24' F.E.	RURAL	13.00	14.00	1.56	13.00	1.00		2.25	5.85	1.22	3 FT FROM EOP
LT. 118+50.00	2650 E	RURAL	114.00	114.00	1.50	114.00				51.30	9.58	36 FT FROM EOP ALONG C.L.
RT. 118+54.00	2650 E	RURAL	126.00	127.00	1.51	126.00	1.00		2.25	56.70	10.71	33 FT FROM EOP ALONG C.L.
RT. 130+10.00	MBTO	RURAL										NO WORK
LT. 130+17.00	24' P.E.	RURAL										NO WORK
RT. 132+23.00	MBTO	RURAL										NO WORK
LT. 132+32.00	24' P.E.	RURAL										NO WORK
RT. 133+90.00	MBTO	RURAL										NO WORK
LT. 133+97.40	24' P.E.	RURAL										NO WORK
LT. 135+61.85	24' P.E.	RURAL										NO WORK
RT. 135+66.50	MBTO	RURAL										NO WORK
LT. 137+25.84	24' P.E.	RURAL										NO WORK
RT. 137+35.00	MBTO	RURAL										NO WORK
RT. 138+63.82	20' F.E. W/ MBTO	RURAL	93.00	93.00	1.50	93.00				41.85	7.81	MATCH EXISTING APRON
LT. 139+02.42	12' P.E.	RURAL										NO WORK
LT. 139+29.34	20' P.E.	RURAL										NO WORK
LT. 140+81.00	24' C.E.	RURAL	44.00	52.00	1.63	44.00	8.00		18.00	19.80	4.73	10.5 FT FROM EOS
RT. 140+88.32	20' C.E.	RURAL	42.00	42.00	1.50	42.00				18.90	3.53	26 FT FROM C.L.
RT. 141+38.80	12' P.E.	RURAL	40.00	34.00	1.50	40.00				15.30	2.86	26 FT FROM C.L.
LT. 142+68.00	30' C.E.	RURAL										NO WORK
RT. 142+86.77	12' P.E.	RURAL										NO WORK
RT. 146+63.00	20' C.E.	RURAL	12.00	12.00	1.50	12.00				5.40	1.01	4 FT FROM FACE OF CURB
LT. 146+75.50	36' C.E.	RURAL										NO WORK
RT. 147+86.50	24' P.E.	RURAL										NO WORK
LT. 147+86.50	48' C.E.	RURAL										NO WORK
URBAN SUB-TOTAL #1 =					282.00	0.00	0.00	0.00	0.00	126.90	23.69	EOP = EDGE OF PAVEMENT EOS = EDGE OF SHOULDER C.L. = CENTERLINE
RURAL SUB-TOTAL #1 =					1608.00	32.00	42.00	52.00	193.50	719.55	147.18	
					SQ YD	SQ YD	SQ YD	SQ YD	POUND	POUND	TON	

(CONTINUED ON NEXT SHEET)

MODEL: I:\MODEL\MHFS
 FILE: MHFS_Plan\Subcontract\beefly.com\PIV\DOT\Documents\DOT_Offices\Dir\dir_5\Project\0570C22\00Data\01\CAD\Sheet\0570C22-ahs-Sched.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	21
CONTRACT NO. 70C22			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

SHEET 6 OF 9

40600990 TEMPORARY RAMP

LOCATION			STATION	TO	STATION	DROP (INCH)	LENGTH (FT)	WIDTH (FT)	QUANTITY (SQ YD)	CONSTRUCT AFTER:
RT.	US 150	URBAN	492+50.00		492+55.00	1.50	5.00	12.00	6.67	MILLING
RT.	US 150	URBAN	507+69.26		507+74.26	1.50	5.00	12.00	6.67	MILLING
RT.	US 150	URBAN	507+91.00		507+96.00	1.50	5.00	6.00	3.33	MILLING
RT.	US 150	RURAL	516+05.95		516+10.95	1.00	5.00	12.00	6.67	MILLING
RT.	US 150	RURAL	515+68.00		515+73.00	1.50	5.00	6.00	3.33	MILLING
RT.	US 150	RURAL	197+95.00		198+00.00	1.50	5.00	12.00	6.67	MILLING
LT.	US 150	URBAN	492+50.00		492+55.00	1.50	5.00	12.00	6.67	MILLING
LT.	US 150	URBAN	507+69.26		507+74.26	1.50	5.00	12.00	6.67	MILLING
LT.	US 150	URBAN	508+19.00		508+24.00	1.50	5.00	6.00	3.33	MILLING
LT.	US 150	RURAL	516+05.95		516+10.95	1.00	5.00	12.00	6.67	MILLING
LT.	US 150	RURAL	515+68.00		515+73.00	1.50	5.00	6.00	3.33	MILLING
LT.	US 150	RURAL	197+95.00		198+00.00	1.50	5.00	12.00	6.67	MILLING
N.B.	IL 49	RURAL	1213+01.00		1213+06.00	1.50	5.00	12.00	6.67	MILLING
S.B.	IL 49	RURAL	1213+01.00		1213+06.00	1.50	5.00	12.00	6.67	MILLING
N.B.	IL 49	RURAL	1219+75.00		1219+80.00	1.50	5.00	12.00	6.67	MILLING
S.B.	IL 49	RURAL	1219+75.00		1219+80.00	1.50	5.00	12.00	6.67	MILLING
RT.	2350 E	URBAN	493+32.13			1.50	2.00	18.00	4.00	MILLING
LT.	2350 E	URBAN	493+32.13			1.50	2.00	20.00	4.44	MILLING
RT.	2450 E	RURAL	540+58.50			1.50	2.00	21.00	4.67	MILLING
LT.	2450 E	RURAL	540+69.00			1.50	2.00	36.00	8.00	MILLING
LT.	2500 E	RURAL	562+92.30			1.50	2.00	22.00	4.89	MILLING
RT.	2500 E	RURAL	562+94.30			1.50	2.00	24.00	5.33	MILLING
RT.	2550 E	RURAL	584+06.50			1.50	2.00	21.00	4.67	MILLING
LT.	2650 E	RURAL	118+50.00			1.50	2.00	16.00	3.56	MILLING
RT.	2650 E	RURAL	118+54.00			1.50	2.00	21.00	4.67	MILLING
LT.	EAST ST.	RURAL	152+04.00			1.50	2.00	37.00	8.22	MILLING
RT.	EAST ST.	RURAL	152+06.00			1.50	2.00	32.00	7.11	MILLING
LT.	LENEY ST.	RURAL	155+73.50			1.50	2.00	20.00	4.44	MILLING
RT.	LENEY ST.	RURAL	155+77.50			1.50	2.00	12.00	2.67	MILLING
LT.	WILLOW ST.	RURAL	159+59.50			1.50	2.00	24.00	5.33	MILLING
LT.	ELM ST.	RURAL	163+36.50			1.50	2.00	15.00	3.33	MILLING
LT.	SYCAMORE ST.	RURAL	166+93.00			1.50	2.00	21.00	4.67	MILLING
LT.	MAPLE ST.	RURAL	175+32.80			1.50	2.00	21.00	4.67	MILLING
LT.	2800 E	RURAL	197+28.00			1.50	2.00	27.00	6.00	MILLING
RT.	2800 E	RURAL	197+30.50			1.50	2.00	20.00	4.44	MILLING

URBAN TOTAL =	41.78
USE =	42.00
RURAL TOTAL =	146.67
USE =	147.00
GRAND TOTAL =	189.00
	SQ YD

48102100 AGGREGATE WEDGE SHOULDER, TYPE B

LOCATION							STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AVE. DEPTH (INCHES)	48102100 QUANTITY TON
RT.	URBAN		492+50.00		493+32.13				82.13		3.00	1.25	1.71
RT.	URBAN		493+32.13		504+13.50				1081.37		3.00	1.25	22.53
RT.	RURAL		516+95.50		540+58.50				2363.00		3.00	1.25	49.23
RT.	RURAL		540+58.50		548+68.59 (BK)				810.09		3.00	1.25	16.88
RT.	RURAL		544+46.48 (AH)		562+94.30				1847.82		3.00	1.25	38.50
RT.	RURAL		562+94.30		584+06.50				2112.20		3.00	1.25	44.00
RT.	RURAL		584+06.50		634+21.86 (BK)				5015.36		3.00	1.25	104.49
RT.	RURAL		116+01.71 (AH)		118+54.00				252.29		3.00	1.25	5.26
RT.	RURAL		118+54.00		140+58.50				2204.50		3.00	1.25	45.93
RT.	RURAL		150+03.00		151+69.20				166.20		3.00	1.25	3.46
RT.	RURAL		155+23.50		155+59.40				35.90		3.00	1.25	0.75
RT.	RURAL		155+96.00		197+30.50				4134.50		3.00	1.25	86.14
RT.	RURAL		197+30.50		198+00.00				69.50		3.00	1.25	1.45
RT.	RURAL		1213+01.00		1214+40.50				139.50		3.00	1.25	2.91
LT.	URBAN		492+50.00		493+32.13				82.13		3.00	1.25	1.71
LT.	URBAN		493+32.13		504+61.00				1128.87		3.00	1.25	23.52
LT.	RURAL		517+53.00		540+69.00				2316.00		3.00	1.25	48.25
LT.	RURAL		540+69.00		548+68.59 (BK)				799.59		3.00	1.25	16.66
LT.	RURAL		544+46.48 (AH)		562+92.30				1845.82		3.00	1.25	38.45
LT.	RURAL		562+92.30		634+21.86 (BK)				7129.56		3.00	1.25	148.53
LT.	RURAL		116+01.71 (AH)		118+50.00				248.29		3.00	1.25	5.17
LT.	RURAL		118+50.00		141+30.00				2280.00		3.00	1.25	47.50
LT.	RURAL		152+47.00		155+47.10				300.10		3.00	1.25	6.25
LT.	RURAL		155+98.10		159+32.10				334.00		3.00	1.25	6.96
LT.	RURAL		159+89.10		163+12.80				323.70		3.00	1.25	6.74
LT.	RURAL		163+59.70		166+63.50				303.80		3.00	1.25	6.33
LT.	RURAL		167+15.10		175+32.80				817.70		3.00	1.25	17.04
LT.	RURAL		175+32.80		197+28.00				2195.20		3.00	1.25	45.73
LT.	RURAL		197+28.00		198+00.00				72.00		3.00	1.25	1.50

URBAN TOTAL =	49.47
USE =	50.00
RURAL TOTAL =	794.10
USE =	795.00
GRAND TOTAL =	845.00
	TON

NOTE:

AT RURAL SIDEROADS THE AGGREGATE SHOULDER SHALL BE PLACED AROUND THE RADIUS AT A 2FT WIDTH. IN THE VILLAGE OF OGDEN, PLACING THE AGGREGATE SHOULDER AROUND THE SIDESTREET RADIUS WILL NOT BE REQUIRED.

MODEL: I:\MODEL\MAFIS... FILE: MAIFIS... PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\sheet\0570C22-ahs-Sched.qpw

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: NONE SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	23
				CONTRACT NO. 70C22
		ILLINOIS	FED. AID PROJECT	

SCHEDULE OF QUANTITIES

SHEET 7 OF 9

78001110 PAINT PAVEMENT MARKING - LINE 4"

70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT

LOCATION	STATION	TO	STATION	78001110 QUANTITY (FT)	70300221 QUANTITY (FT)	COLOR
C.L. DOUBLE NO PASS	URBAN		492+50.00	3148.00	3148.00	YELLOW
C.L. DOUBLE NO PASS	RURAL		508+24.00	3040.00	3040.00	YELLOW
C.L. SKIP DASH	RURAL		523+44.00	640.00	640.00	YELLOW
RT. NO PASS	RURAL		523+44.00	1012.00	1012.00	YELLOW
C.L. SKIP DASH	RURAL		544+46.48 (AH)	2250.00	2250.00	YELLOW
RT. NO PASS	RURAL		545+80.00	288.59	288.59	YELLOW
RT. NO PASS	RURAL		544+46.48 (AH)	453.52	453.52	YELLOW
LT. NO PASS	RURAL		551+62.00	700.00	700.00	YELLOW
C.L. SKIP DASH	RURAL		116+01.71 (AH)	560.00	560.00	YELLOW
RT. NO PASS	RURAL		133+48.00	492.00	492.00	YELLOW
C.L. SKIP DASH	RURAL		150+20.00	1210.00	1210.00	YELLOW
RT. EOP	URBAN		492+50.00	35.00	35.00	WHITE
RT. EOP	URBAN		493+46.00	1478.00	1478.00	WHITE
RT. EOP	RURAL		508+24.00	3201.00	3201.00	WHITE
RT. EOP	RURAL		540+95.00	773.59	773.59	WHITE
RT. EOP	RURAL		548+68.59 (BK)	2043.00	2043.00	WHITE
RT. EOP	RURAL		544+46.48 (AH)	1809.52	1809.52	WHITE
RT. EOP	RURAL		563+28.00	2043.00	2043.00	WHITE
RT. EOP	RURAL		584+42.00	4979.86	4979.86	WHITE
RT. EOP	RURAL		116+01.71 (AH)	216.29	216.29	WHITE
RT. EOP	RURAL		118+84.00	2286.00	2286.00	WHITE
RT. EOP	RURAL		149+80.00	183.00	183.00	WHITE
RT. EOP	RURAL		151+63.00	309.00	309.00	WHITE
RT. EOP	RURAL		152+41.00	4089.00	4089.00	WHITE
RT. EOP	RURAL		156+05.00	37.00	37.00	WHITE
RT. EOP	RURAL		197+63.00			WHITE
LT. EOP	URBAN		492+50.00	48.00	48.00	WHITE
LT. EOP	URBAN		493+84.00	1440.00	1440.00	WHITE
LT. EOP	RURAL		508+24.00	3176.00	3176.00	WHITE
LT. EOP	RURAL		541+00.00	9768.59	9768.59	WHITE
LT. EOP	RURAL		544+46.48 (AH)	1811.52	1811.52	WHITE
LT. EOP	RURAL		563+24.00	7097.86	7097.86	WHITE
LT. EOP	RURAL		116+01.71 (AH)	215.29	215.29	WHITE
LT. EOP	RURAL		118+84.00	2246.00	2246.00	WHITE
LT. EOP	RURAL		149+77.00	191.00	191.00	WHITE
LI. EOP	RURAL		152+50.00	290.00	290.00	WHITE
LT. EOP	RURAL		156+06.00	316.00	316.00	WHITE
LT. EOP	RURAL		159+98.00	308.00	308.00	WHITE
LT. EOP	RURAL		163+68.00	286.00	286.00	WHITE
LT. EOP	RURAL		167+20.00	782.00	782.00	WHITE
LT. EOP	RURAL		175+62.00	2138.00	2138.00	WHITE
LT. EOP	RURAL		197+58.00	42.00	42.00	WHITE

URBAN TOTAL =	6149.00	6149.00
USE =	6149.00	6149.00
RURAL TOTAL =	59241.63	59241.63
USE =	59242.00	59242.00
GRAND TOTAL =	65391.00	65391.00
	FT	FT

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

78011025 GROOVING FOR RECESSED PAVEMENT MARKING 5"

70300221 TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT

LOCATION	STATION	TO	STATION	78000200 QUANTITY (FT)	780011025 QUANTITY (FT)	70300221 QUANTITY (FT)	COLOR		
US 150	C.L. MEDIAN		RURAL 138+40.00		139+20.00	160.0	160.0	160.0	YELLOW
US 150	RT. MEDIAN		RURAL 139+20.00		144+15.00	986.0	986.0	986.0	YELLOW
US 150	LT. MEDIAN		RURAL 139+20.00		144+15.00	1000.0	1000.0	1000.0	YELLOW
US 150	RT. MEDIAN		RURAL 145+14.00		149+40.00	850.0	850.0	850.0	YELLOW
US 150	LT. MEDIAN		RURAL 145+14.00		149+40.00	860.0	860.0	860.0	YELLOW
US 150	C.L. MEDIAN		RURAL 149+40.00		150+20.00	160.0	160.0	160.0	YELLOW
IL 49	C.L. MEDIAN		RURAL 1213+01.00		1213+80.00	158.0	158.0	158.0	YELLOW
IL 49	C.L. MEDIAN		RURAL 1213+80.00		1214+30.00	100.0	100.0	100.0	YELLOW
IL 49	LT. MEDIAN		RURAL 1213+80.00		1214+30.00	100.0	100.0	100.0	YELLOW
IL 49	C.L. MEDIAN		RURAL 1215+10.00		1217+40.00	450.0	450.0	450.0	YELLOW
IL 49	LT. MEDIAN		RURAL 1215+10.00		1217+40.00	484.0	484.0	484.0	YELLOW
IL 49	C.L. SKIP DASH		RURAL 1218+37.50		1219+80.00	40.0	40.0	40.0	YELLOW

URBAN TOTAL =	0.0	0.0	0.0
USE =	0.0	0.0	0.0
RURAL TOTAL =	5348.0	5348.0	5348.0
USE =	5348.0	5348.0	5348.0
GRAND TOTAL =	5348.0	5348.0	5348.0
	FT	FT	FT

MODEL: I:\MODEL\MHFE... FILE: MHFE... PROJECT: 70C22\... SHEET: 70C22-SHS-Schedule.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE: NONE	SHEET 7	OF 9 SHEETS	STA. TO STA.
F.A.S. RTE. 1512	SECTION 2RS-5&(1Y,1YX,1X)RS-2	COUNTY CHAMPAIGN	TOTAL SHEETS 82 SHEET NO. 24
			CONTRACT NO. 70C22
			ILLINOIS FED. AID PROJECT

SCHEDULE OF QUANTITIES

SHEET 8 OF 9

78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

78011065 GROOVING FOR RECESSED PAVEMENT MARKING 13"

70300261 TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT

LOCATION				STATION	TO	STATION	78000600 QUANTITY (FT)	78011065 QUANTITY (FT)	70300261 QUANTITY (FT)	COLOR
US 150	MEDIAN	RURAL		139+20.00		144+15.00	249.0	249.0	249.0	YELLOW
US 150	MEDIAN	RURAL		145+14.00		149+40.00	259.0	259.0	259.0	YELLOW
IL 49	MEDIAN	RURAL		1215+10.00		1217+40.00	131.0	131.0	131.0	YELLOW
URBAN TOTAL =							0.0	0.0	0.0	
USE =							0.0	0.0	0.0	
RURAL TOTAL =							639.0	639.0	639.0	
USE =							639.0	639.0	639.0	
GRAND TOTAL =							639.0	639.0	639.0	
							FT	FT	FT	

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

78011125 GROOVING FOR RECESSED PAVEMENT MARKING 25"

70300281 TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT

LOCATION				STATION	78000650 QUANTITY (FT)	78011125 QUANTITY (FT)	70300281 QUANTITY (FT)
US 150	RT.	RURAL		144+15.00	26.0	26.0	26.0
US 150	LT.	RURAL		145+14.00	27.0	27.0	27.0
IL 49	RT.	RURAL		1217+40.00	27.0	27.0	27.0
IL 49	LT.	RURAL		1218+37.50	22.0	22.0	22.0
URBAN TOTAL =					0.0	0.0	0.0
USE =					0.0	0.0	0.0
RURAL TOTAL =					102.0	102.0	102.0
USE =					102.0	102.0	102.0
GRAND TOTAL =					102.0	102.0	102.0
					FT	FT	FT

78100100 RAISED REFLECTIVE PAVEMENT MARKER

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION							STATION	TO	STATION	LENGTH (FT)	78100100 TWO-WAY AMBER QUANTITY (EACH)	78100100 TWO-WAY CRYSTAL QUANTITY (EACH)	78300200 RRPM REMOVAL QUANTITY (EACH)
US 150	C.L.	DOUBLE NO PASS	URBAN		492+50.00			507+74.26	1524.26		42.0		21.0
US 150	RT.	EOP	URBAN		492+50.00			506+76.66	1426.66			37.0	37.0
US 150	LT.	EOP	URBAN		492+50.00			506+76.66	1426.66			37.0	37.0
US 150	C.L.	DOUBLE NO PASS	RURAL		516+05.95			523+44.00	738.05		22.0		11.0
US 150	RT.	EOP	RURAL		516+05.95			534+96.83	1890.88			49.0	49.0
US 150	LT.	EOP	RURAL		516+05.95			534+96.83	1890.88			49.0	49.0
US 150	C.L.	SKIP DASH	RURAL		523+44.00			548+68.59 (BK)	2524.59		32.0		32.0
US 150	C.L.	SKIP DASH	RURAL		544+46.48 (AH)			634+21.86 (BK)	8975.38		113.0		113.0
US 150	C.L.	SKIP DASH	RURAL		116+01.71 (AH)			138+40.00	2238.29		28.0		28.0
US 150	C.L.	MEDIAN	RURAL		138+40.00			139+20.00	80.00		6.0		6.0
US 150	C.L.	MEDIAN	RURAL		139+20.00			144+15.00	495.00		26.0		26.0
US 150	C.L.	MEDIAN	RURAL		145+14.00			149+40.00	426.00		22.0		22.0
US 150	C.L.	MEDIAN	RURAL		149+40.00			150+20.00	80.00		6.0		6.0
US 150	C.L.	SKIP DASH	RURAL		150+20.00			198+00.00	4780.00		61.0		61.0
IL 49	C.L.	MEDIAN	RURAL		1213+01.00			1213+80.00	79.00		6.0		6.0
IL 49	C.L.	MEDIAN	RURAL		1213+80.00			1214+30.00	50.00		4.0		4.0
IL 49	C.L.	MEDIAN	RURAL		1215+10.00			1217+40.00	230.00		14.0		14.0
IL 49	C.L.	SKIP DASH	RURAL		1218+37.50			1219+80.00	142.50		3.0		3.0
URBAN TOTAL =											42.0	74.0	95.0
USE =											42.0	74.0	95.0
RURAL TOTAL =											343.0	98.0	430.0
USE =											343.0	98.0	430.0
GRANT TOTAL =											385.0	172.0	525.0
											EACH	EACH	EACH

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	25
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 8 OF 9 SHEETS STA. TO STA.

MODEL: \\MODEL\MRFS
FILE: \\MRFS_Plan\Illinois\Projects\70C22\CAD\Drawings\Drawings\70C22-Sub-Schedule.dgn

SCHEDULE OF QUANTITIES

SHEET 9 OF 9

XZ193400 SURVEY MARKER, TYPE 2 (SPECIAL)

Z0070100 SURVEY MONUMENT COVER ASSEMBLY

LOCATION	STATION	OFFSET (FT)	TYPE	XZ193400 QUANTITY (EACH)	Z0070100 QUANTITY (EACH)			
US 150	URBAN	493+32.13	C.L.	0.00	P.C.		1.0	
US 150	URBAN	506+76.66	C.L.	0.00	P.T.	1.0		
US 150	RURAL	526+72.43	C.L.	0.00	P.T.		1.0	
US 150	RURAL	529+70.74	C.L.	0.00	P.C.	1.0		
US 150	RURAL	534+96.83	C.L.	0.00	P.T.	1.0		
US 150	RURAL	548+68.59 (BK)	C.L.	0.00	P.O.T. / STA. EQ.	1.0		
US 150	RURAL	551+00.47	C.L.	0.00	P.I	1.0		
US 150	RURAL	557+00.15	C.L.	0.00	P.C.	1.0		
US 150	RURAL	559+71.88	LT.	1.56	P.I	1.0		
US 150	RURAL	562+43.59	C.L.	0.00	P.T.	1.0		
US 150	RURAL	563+97.60	C.L.	0.00	P.C.	1.0		
US 150	RURAL	566+27.41	RT.	1.35	P.I	1.0		
US 150	RURAL	568+57.20	C.L.	0.00	P.T.	1.0		
US 150	RURAL	594+75.88	C.L.	0.00	P.I	1.0		
US 150	RURAL	627+91.96	C.L.	0.00	P.I	1.0		
US 150	RURAL	634+21.86 (BK)	C.L.	0.00	P.O.T. / STA. EQ.	1.0		
US 150	RURAL	119+20.78	C.L.	0.00	P.C.	1.0		
US 150	RURAL	128+97.05	C.L.	0.00	P.T.	1.0		
US 150	RURAL	131+79.15	C.L.	0.00	P.C.	1.0		
US 150	RURAL	141+66.52	C.L.	0.00	P.T.	1.0		
US 150	RURAL	171+97.24	C.L.	0.00	P.C.	1.0		
US 150	RURAL	183+15.96	C.L.	0.00	P.T.	1.0		
US 150	RURAL	186+44.88	C.L.	0.00	P.C.	1.0		
US 150	RURAL	196+33.93	C.L.	0.00	P.T.	1.0		
URBAN TOTAL =							1.0	1.0
USE =							1.0	1.0
RURAL TOTAL =							21.0	1.0
USE =							21.0	1.0
GRAND TOTAL =							22.0	2.0
							EACH	EACH

56109210 WATER VALVES TO BE ADJUSTED

60300305 FRAMES AND LIDS TO BE ADJUSTED

Z0001110 GAS VALVE TO BE ADJUSTED

LOCATION	STATION	OFFSET (FT)	56109210 QUANTITY (EACH)	60300305 QUANTITY (EACH)	Z0001110 QUANTITY (EACH)	COMMENTS		
US 150	RURAL	145+00.83	LT.	27.63		1.0	HMA ADJUSTMENT	
US 150	RURAL	145+24.61	RT.	22.48	1.0		HMA ADJUSTMENT	
EAST ST.	RURAL	152+15.98	LT.	33.45	1.0		HMA ADJUSTMENT	
EAST ST.	RURAL	152+32.42	RT.	12.63	1.0		HMA ADJUSTMENT	
NE QUAD WILLOW ST.	RURAL	159+83.29	LT.	27.74	1.0		PCC SIDEWALK ADJUSTMENT	
URBAN TOTAL =							0.0	0.0
USE =							0.0	0.0
RURAL TOTAL =							2.0	2.0
USE =							2.0	1.0
GRAND TOTAL =							2.0	1.0
							EACH	EACH

MODEL: I:\MODEL\MAI\FE
 FILE: MAI\FE_Plan\IUSC-Pan-bend\FE.com\PIV\DOT\Documents\DOT_Offset\Dir\Dir: 5\Project\0570C22\CAD\Drawings\0570C22-9b-Sched.dgn

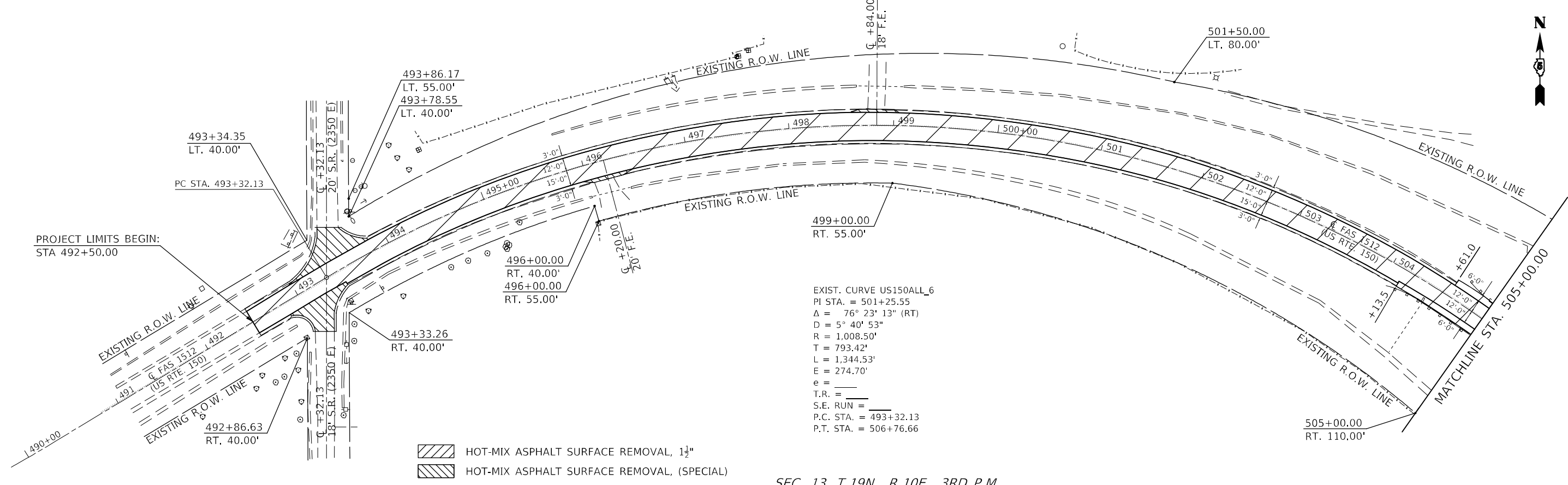
USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE: NONE	SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	26
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SEC. 12, T.19N., R.10E., 3RD P.M.

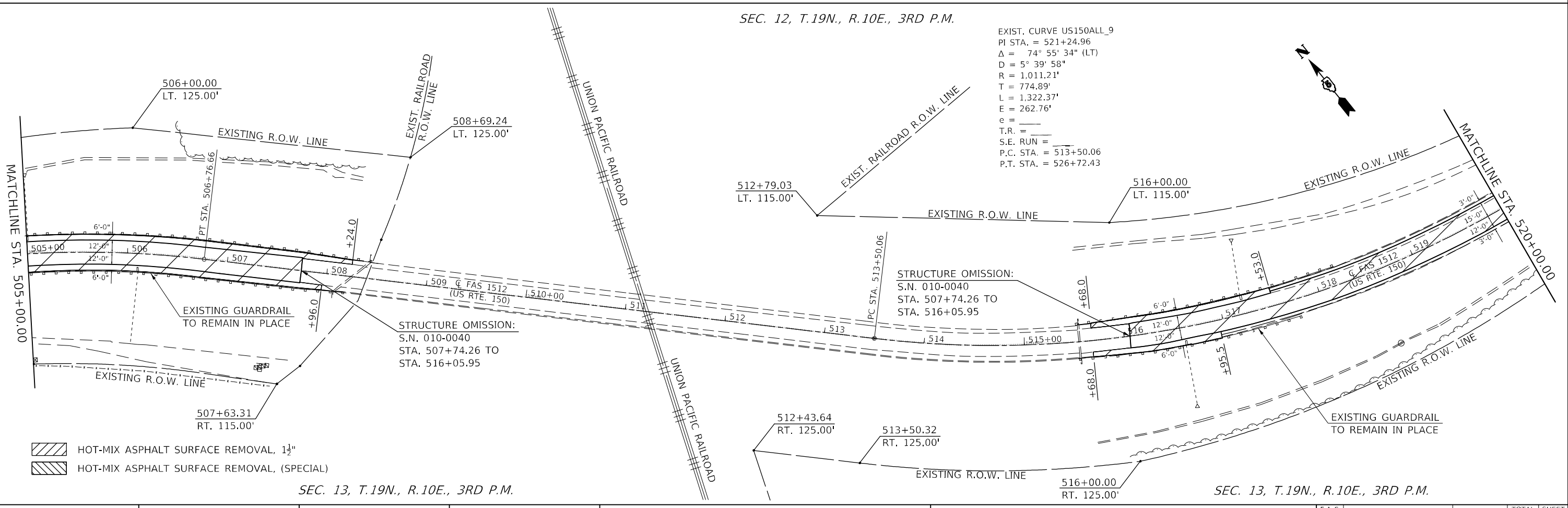


EXIST. CURVE US150ALL_6
 PI STA. = 501+25.55
 Δ = 76° 23' 13" (RT)
 D = 5° 40' 53"
 R = 1,008.50'
 T = 793.42'
 L = 1,344.53'
 E = 274.70'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 493+32.13
 P.T. STA. = 506+76.66

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

SEC. 13, T.19N., R.10E., 3RD P.M.

SEC. 12, T.19N., R.10E., 3RD P.M.



EXIST. CURVE US150ALL_9
 PI STA. = 521+24.96
 Δ = 74° 55' 34" (LT)
 D = 5° 39' 58"
 R = 1,011.21'
 T = 774.89'
 L = 1,322.37'
 E = 262.76'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 513+50.06
 P.T. STA. = 526+72.43

STRUCTURE OMISSION:
 S.N. 010-0040
 STA. 507+74.26 TO
 STA. 516+05.95

STRUCTURE OMISSION:
 S.N. 010-0040
 STA. 507+74.26 TO
 STA. 516+05.95

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

SEC. 13, T.19N., R.10E., 3RD P.M.

SEC. 13, T.19N., R.10E., 3RD P.M.

MODEL: I:\MODEL\NAME FILE: NAME: P:\Public\paw_benefy.com\PIV\DOT\Documents\DOT Office\Dir\Dir: S:\Project\70C22\CADD\Drawings\CADD\Sheet\70C22-shc-ban50.dwg

USER NAME = eaglinga	DESIGNED -	REVISD -
	DRAWN -	REVISD -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISD -
PLOT DATE = 12/13/2021	DATE -	REVISD -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET
 SCALE: 1" = 50' SHEET 1 OF 20 SHEETS STA. 490+00.00 TO STA. 520+00.00

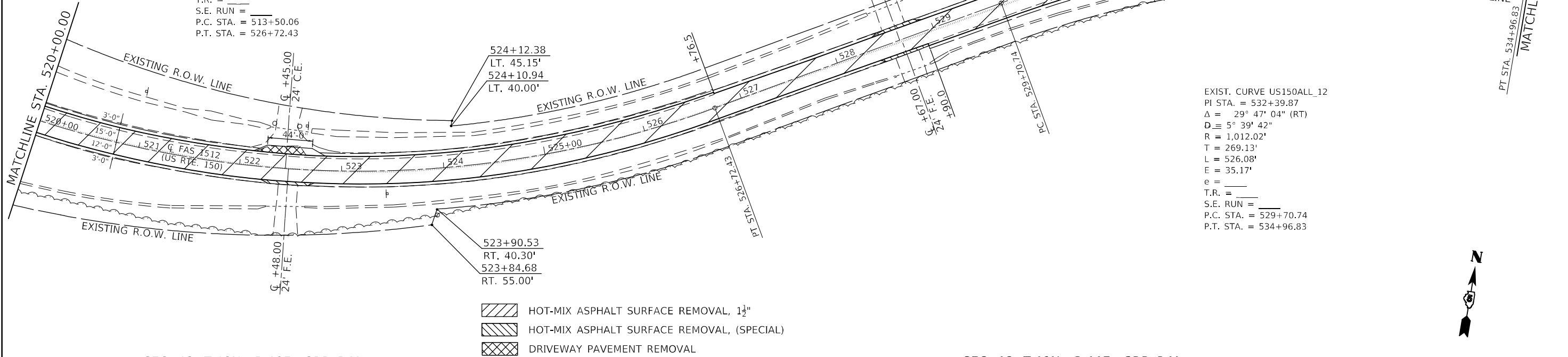
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	27
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

SEC. 12, T.19N., R.10E., 3RD P.M.

EXIST. CURVE US150ALL_9
 PI STA. = 521+24.96
 $\Delta = 74^\circ 55' 34"$ (LT)
 $D = 5^\circ 39' 58"$
 $R = 1,011.21'$
 $T = 774.89'$
 $L = 1,322.37'$
 $E = 262.76'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 513+50.06$
 $P.T. STA. = 526+72.43$

SEC. 7, T.19N., R.11E., 3RD P.M.

EXIST. CURVE US150ALL_12
 PI STA. = 532+39.87
 $\Delta = 29^\circ 47' 04"$ (RT)
 $D = 5^\circ 39' 42"$
 $R = 1,012.02'$
 $T = 269.13'$
 $L = 526.08'$
 $E = 35.17'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 529+70.74$
 $P.T. STA. = 534+96.83$

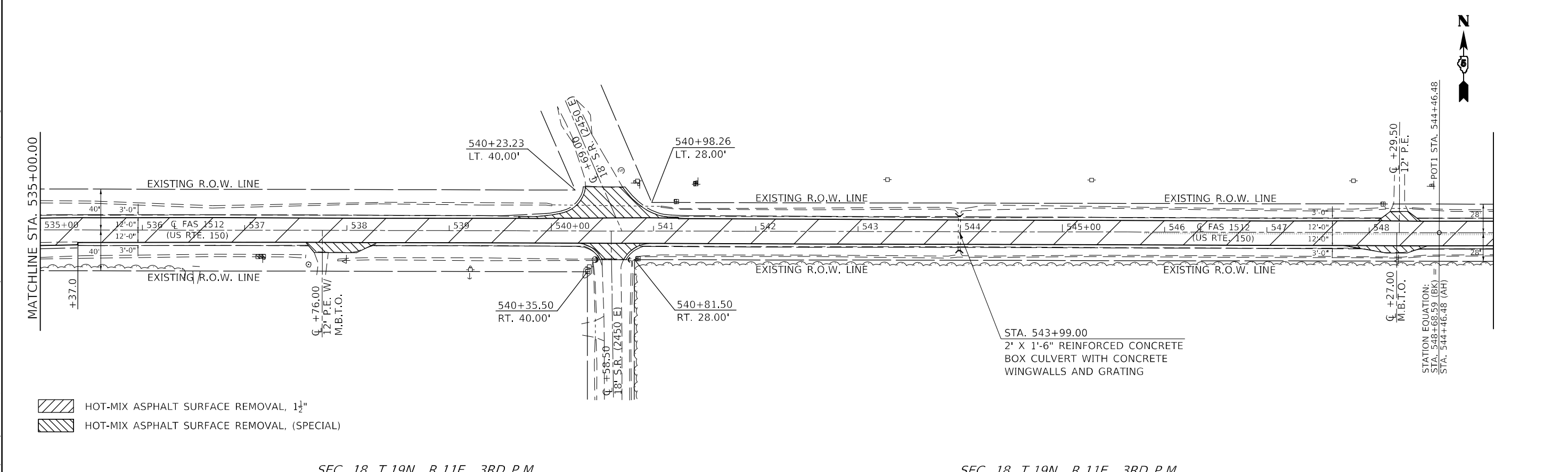


SEC. 13, T.19N., R.10E., 3RD P.M.

SEC. 18, T.19N., R.11E., 3RD P.M.

SEC. 7, T.19N., R.11E., 3RD P.M.

SEC. 7, T.19N., R.11E., 3RD P.M.



SEC. 18, T.19N., R.11E., 3RD P.M.

SEC. 18, T.19N., R.11E., 3RD P.M.

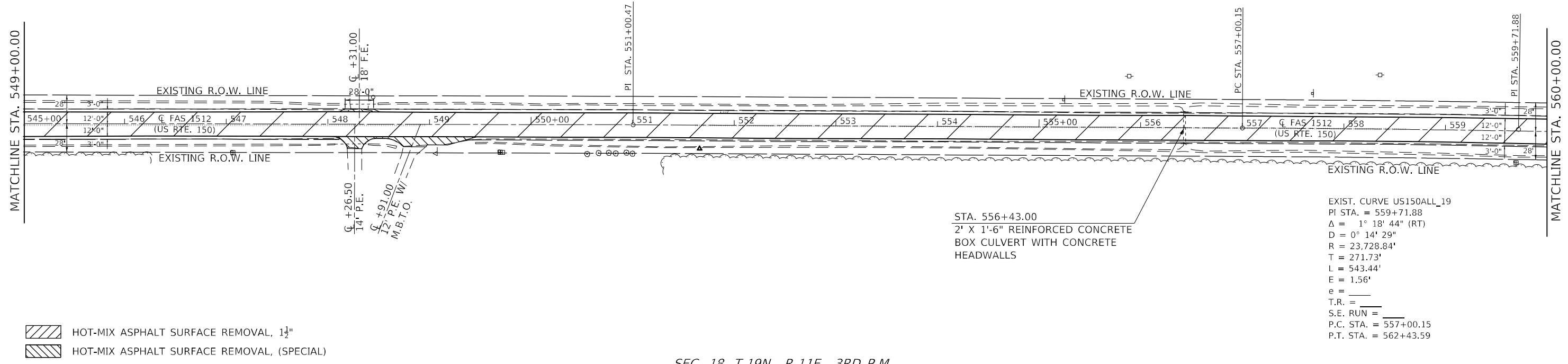
MODEL: I:\MODEL\MMF5
 FILE: MMF5.dwg
 PLOT DATE: 12/13/2021
 PROJECT: I:\PROJECTS\70C22\70C22\70C22\70C22.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 50'		SHEET 2 OF 20 SHEETS		STA. 520+00.00 TO STA. 549+00.00	
		PLAN SHEET			

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	28
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

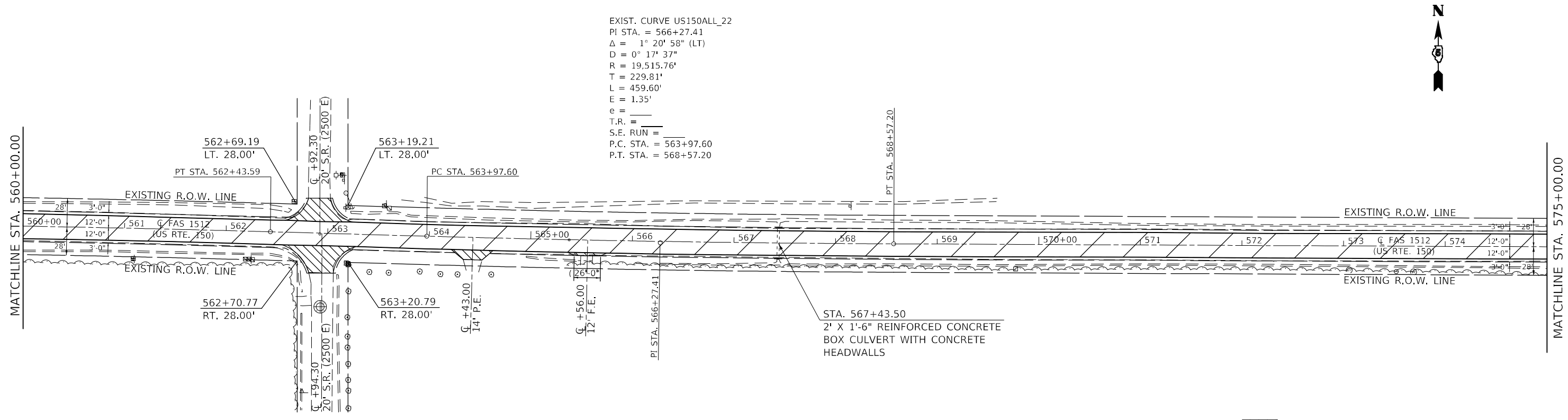


HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

 HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

STA. 556+43.00
 2' X 1'-6" REINFORCED CONCRETE
 BOX CULVERT WITH CONCRETE
 HEADWALLS

EXIST. CURVE US150ALL_19
 PI STA. = 559+71.88
 $\Delta = 1^\circ 18' 44"$ (RT)
 $D = 0^\circ 14' 29"$
 $R = 23,728.84'$
 $T = 271.73'$
 $L = 543.44'$
 $E = 1.56'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 557+00.15$
 $P.T. STA. = 562+43.59$



EXIST. CURVE US150ALL_22
 PI STA. = 566+27.41
 $\Delta = 1^\circ 20' 58"$ (LT)
 $D = 0^\circ 17' 37"$
 $R = 19,515.76'$
 $T = 229.81'$
 $L = 459.60'$
 $E = 1.35'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 563+97.60$
 $P.T. STA. = 568+57.20$

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

 HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

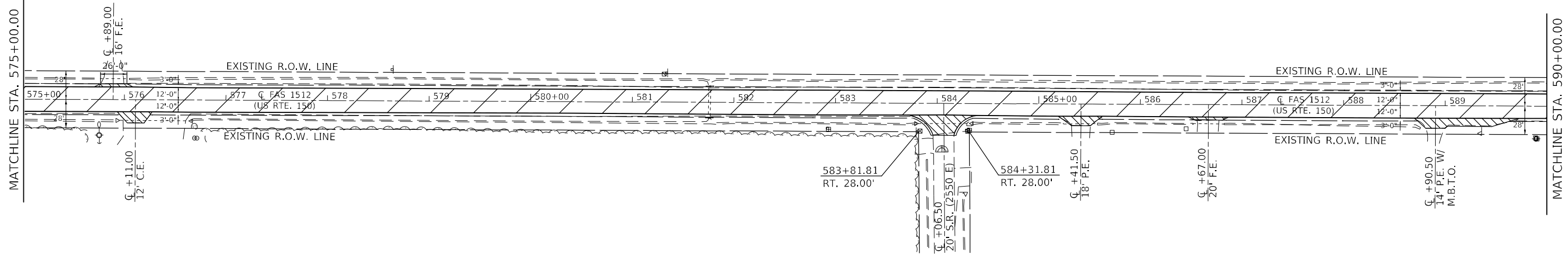
MODEL: I:\MODEL\MAME
 FILE: MAME_20220222.dwg
 PROJECT: I:\PROJECTS\70C22\CADD\Drawings\70C22.dwg
 SHEET: 82 OF 29

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

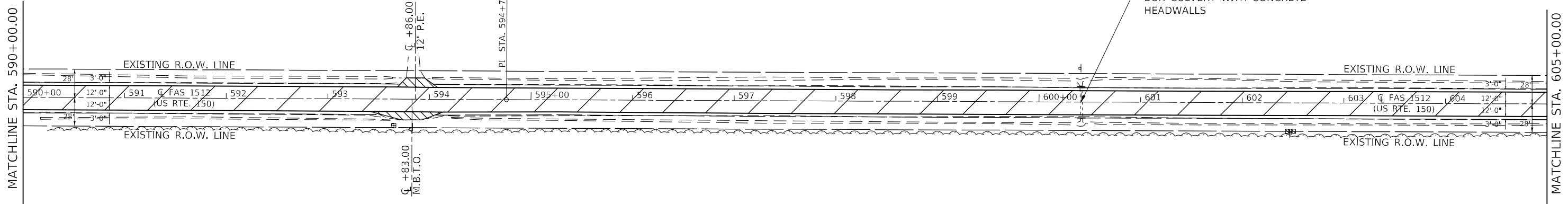
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
 SCALE: 1" = 50'
 SHEET 3 OF 20 SHEETS
 STA. 549+00.00 TO STA. 575+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	29
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

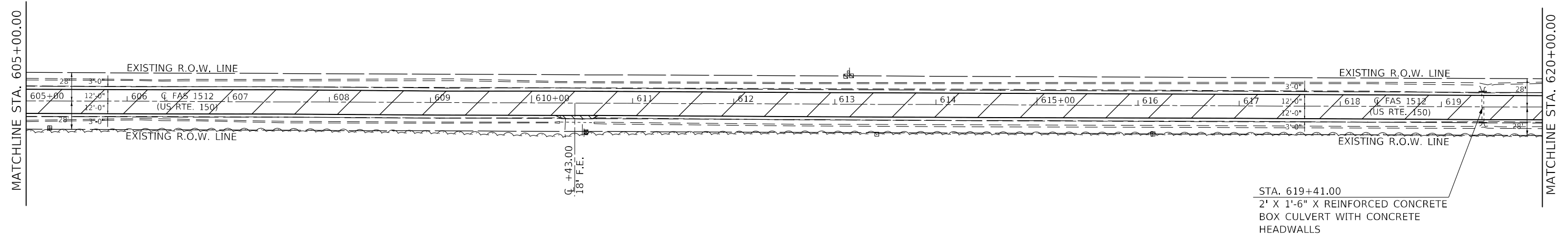
MODEL: I:\MODEL\MHFE
FILE: MHFE_Plan\IUSC-PWA-bee-hwy.com\PIV\DOT\Documents\DOT_Offices\Dir\dr: S:\Project\70C22\CAD\Drawings\CAD\Sheets\70C22-shc-dba50.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

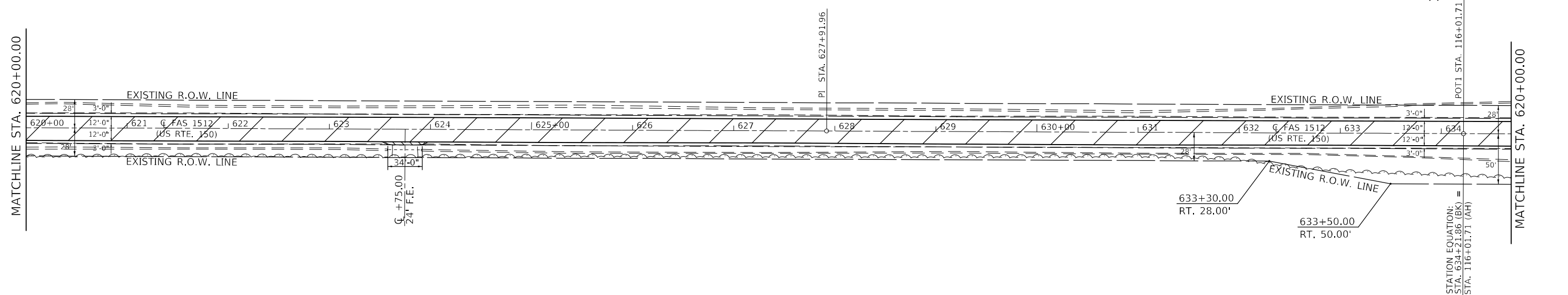
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 1" = 50'	SHEET 4	OF 20 SHEETS	STA. 575+00.00 TO STA. 605+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1X)RS-2	CHAMPAIGN	82	30
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

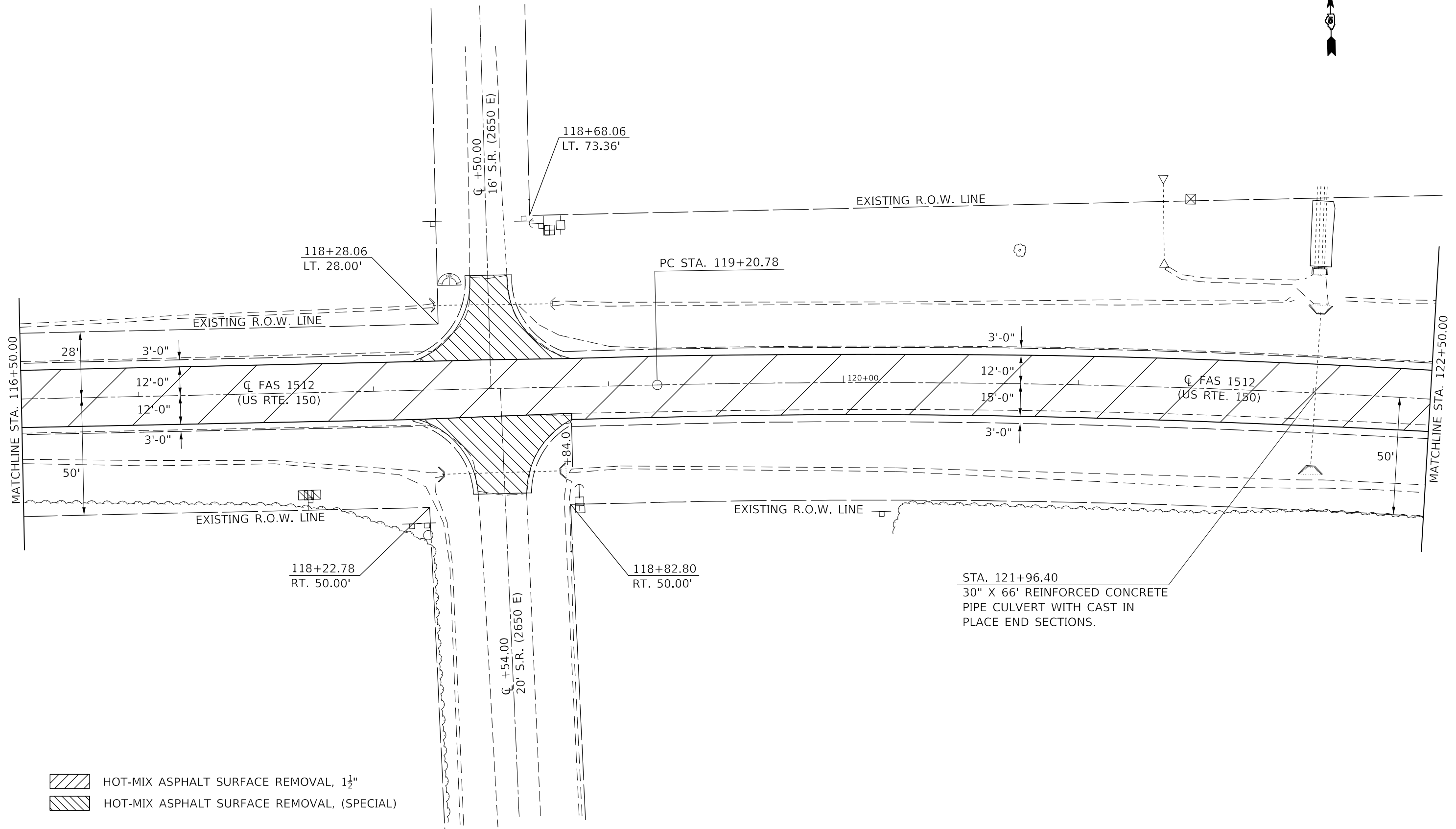
MODEL: \\MODEL\MNF5
 FILE: \\MNF5_Plan\116+00.dwg
 PROJECT: \\DOT\Projects\116+00\116+00.dwg
 SHEET: 5 OF 20

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 1" = 50'	SHEET 5	OF 20 SHEETS	STA. 605+00.00 TO STA. 116+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	31
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

MODEL: I:\MODEL\MHMF
 FILE: MHMF.dwg
 PLOT DATE: 12/13/2021

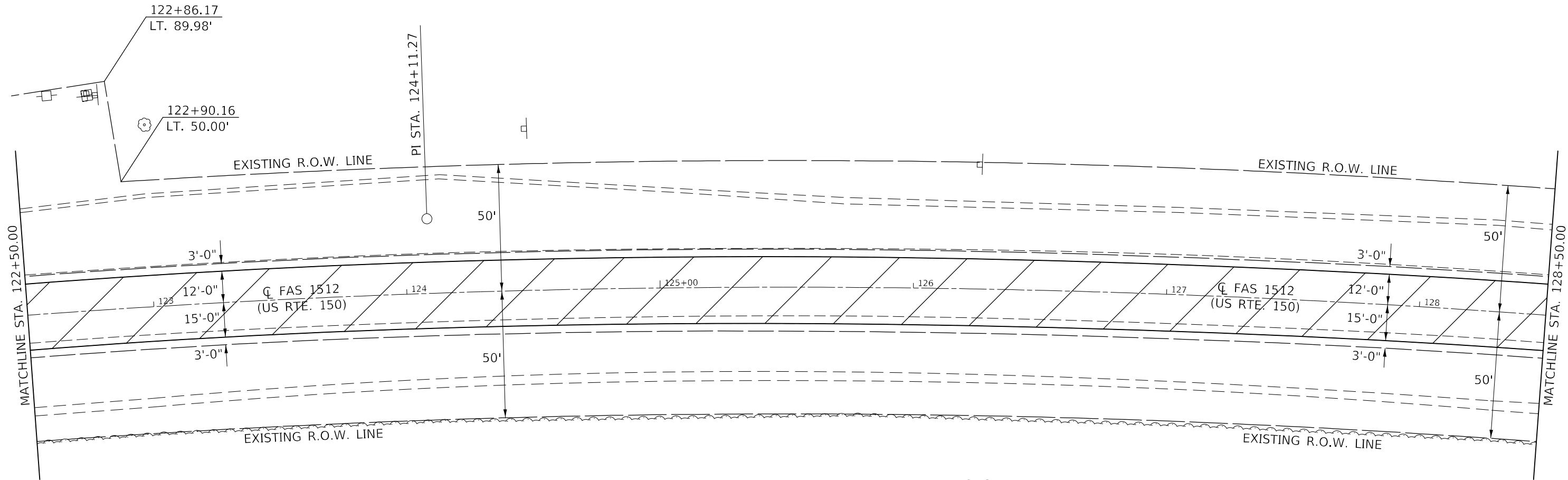
USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 20' SHEET 6 OF 20 SHEETS STA. 116+50.00 TO STA. 122+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	32
				CONTRACT NO. 70C22
ILLINOIS FED. AID PROJECT				



EXIST. CURVE US150ALL_31
 PI STA. = 124+11.27
 $\Delta = 13^\circ 45' 17''$ (RT)
 $D = 1^\circ 24' 32''$
 $R = 4,066.67'$
 $T = 490.49'$
 $L = 976.26'$
 $E = 29.47'$
 $e = 2.0\%$
 $T.R. = 24.0'$
 $S.E. RUN = 108.0'$
 $P.C. STA. = 119+20.78$
 $P.T. STA. = 128+97.05$

S.E. TRANSITIONS
ATTAIN:
 $T.R. = STA. 118+50.00$ TO $STA. 118+74.00$
 $S.E. RUN = STA. 118+74.00$ TO $STA. 119+82.00$
REMOVE:
 $S.E. RUN = STA. 128+33.00$ TO $STA. 129+41.00$
 $T.R. = STA. 129+41.00$ TO $STA. 129+65.00$

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

MODEL: I:\MODEL\MHMF
 FILE: 1512_20210113.dwg
 PROJECT: I:\PROJECTS\DOT\Office\Drawings\Projects\1512\1512_20210113.dwg

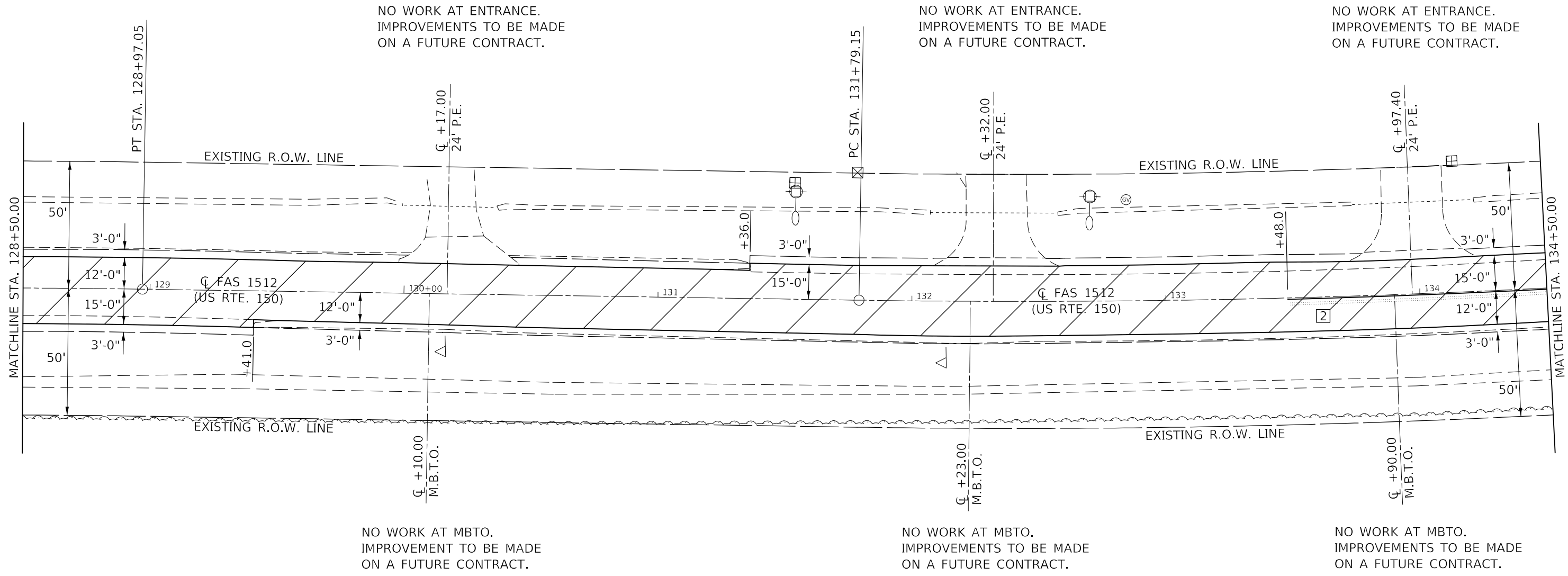
USER NAME = eaglinga	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 20' SHEET 7 OF 20 SHEETS STA. 122+50.00 TO STA. 128+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	33
			CONTRACT NO. 70C22	
			ILLINOIS FED. AID PROJECT	



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

SEE INTERSECTION PAVEMENT MARKING
DETAIL FOR STRIPING LAYOUT

MODEL: \\MODEL\MAI\F... FILE: MAI\F... \Project\10570C22\CAD\Drawings\CAD\Drawings\10570C22-shc-dbar20.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
SCALE: 1" = 20' SHEET 8 OF 20 SHEETS STA. 128+50.00 TO STA. 134+50.00

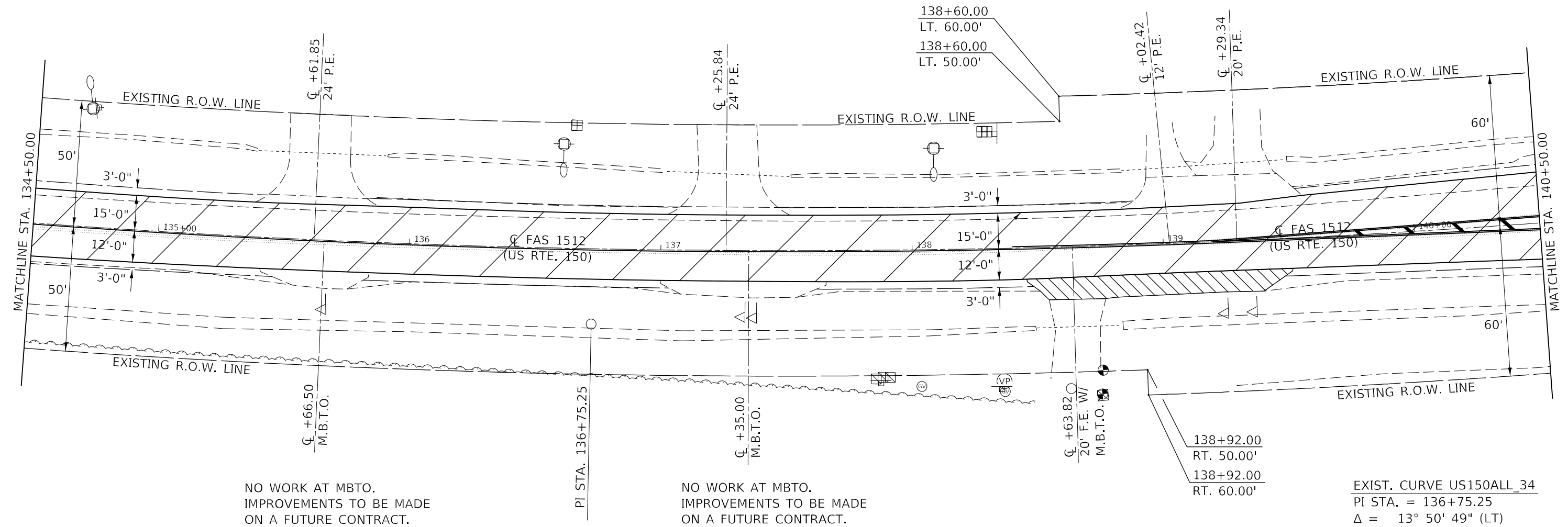
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	34
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				



NO WORK AT ENTRANCE.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

NO WORK AT ENTRANCE.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

NO WORK AT ENTRANCES.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.



NO WORK AT MBTO.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

NO WORK AT MBTO.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

138+92.00
RT. 50.00'
138+92.00
RT. 60.00'

EXIST. CURVE US150ALL_34
PI STA. = 136+75.25
 $\Delta = 13^\circ 50' 49''$ (LT)
 $D = 1^\circ 24' 09''$
 $R = 4,085.51'$
 $T = 496.10'$
 $L = 987.37'$
 $e = 2.0\%$
 $T.R. = 24.0'$
S.E. RUN = 108.0'
P.C. STA. = 131+79.15
P.T. STA. = 141+66.52

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

SEE INTERSECTION PAVEMENT MARKING
DETAIL FOR STRIPING LAYOUT

S.E. TRANSITIONS

ATTAIN:
T.R. = STA. 131+11.00 TO STA. 131+35.00
S.E. RUN = STA. 131+35.00 TO STA. 132+43.00
REMOVE:
S.E. RUN = STA. 141+02.00 TO STA. 142+10.00
T.R. = STA. 142+10.00 TO STA. 142+34.00

MODEL: I:\MODEL\MHMF
FILE: MHMF_Plan\IUCRPA_becdfy.com\PI\DOT\Documents\DOT_Offices\Dir\dr. S\Project\1570C22\CAD\Drawings\CAD\Sheets\1570C22-shc-ban30.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 20' SHEET 9 OF 20 SHEETS STA. 134+50.00 TO STA. 140+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	35
			CONTRACT NO. 70C22	
			ILLINOIS FED. AID PROJECT	

SEC. 8, T.19N., R.14W., 2ND P.M.

RTE. 49 ENDS:
STA. 1219+80.00

SEC. 9, T.19N., R.14W., 2ND P.M.

NO WORK AT ENTRANCE.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

CL +55.00
150' C.E.

CL +50.50
38' C.E.

NO WORK AT ENTRANCE.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

STA. 144+67.21 (US 150) =
STA. 1217+89.80 (N. MARKET ST.)

STA. 144+67.90 (US 150) =
STA. 1217+89.80 (S. MARKET ST.)

144+33.54
LT. 60.00'

145+16.04
LT. 60.00'

145+56.88
LT. 30.00'

+08.0

146+44.00
RT. 40.00'

145+47.10
RT. 88.50'

145+23.90
RT. 120.00'

CL +63.20
14' C.E.




144+07.90
RT. 120.00'

CL +21.00
30' C.E.

NO WORK AT ENTRANCE.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

143+79.11
RT. 91.60'

NO WORK AT ENTRANCE.
IMPROVEMENTS TO BE MADE
ON A FUTURE CONTRACT.

-  HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)
-  COLD MILLING (SPECIAL)

SEE INTERSECTION PAVEMENT MARKING
DETAIL FOR STRIPING LAYOUT

SEC. 17, T.19N., R.14W., 2ND P.M.

SEC. 16, T.19N., R.14W., 2ND P.M.

MATCHLINE STA. 140+50.00

MATCHLINE STA. 146+50.00

MATCHLINE STA. 1216+00.00

MODEL: I:\MODEL\MAME
FILE: NAME: P:\Public\paw_bendley.com\PIV\DOT\Documents\DOT_Offices\Dir\Dir: S:\Project\1057022\CAD\Drawings\70C22-shs-draw30.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

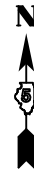
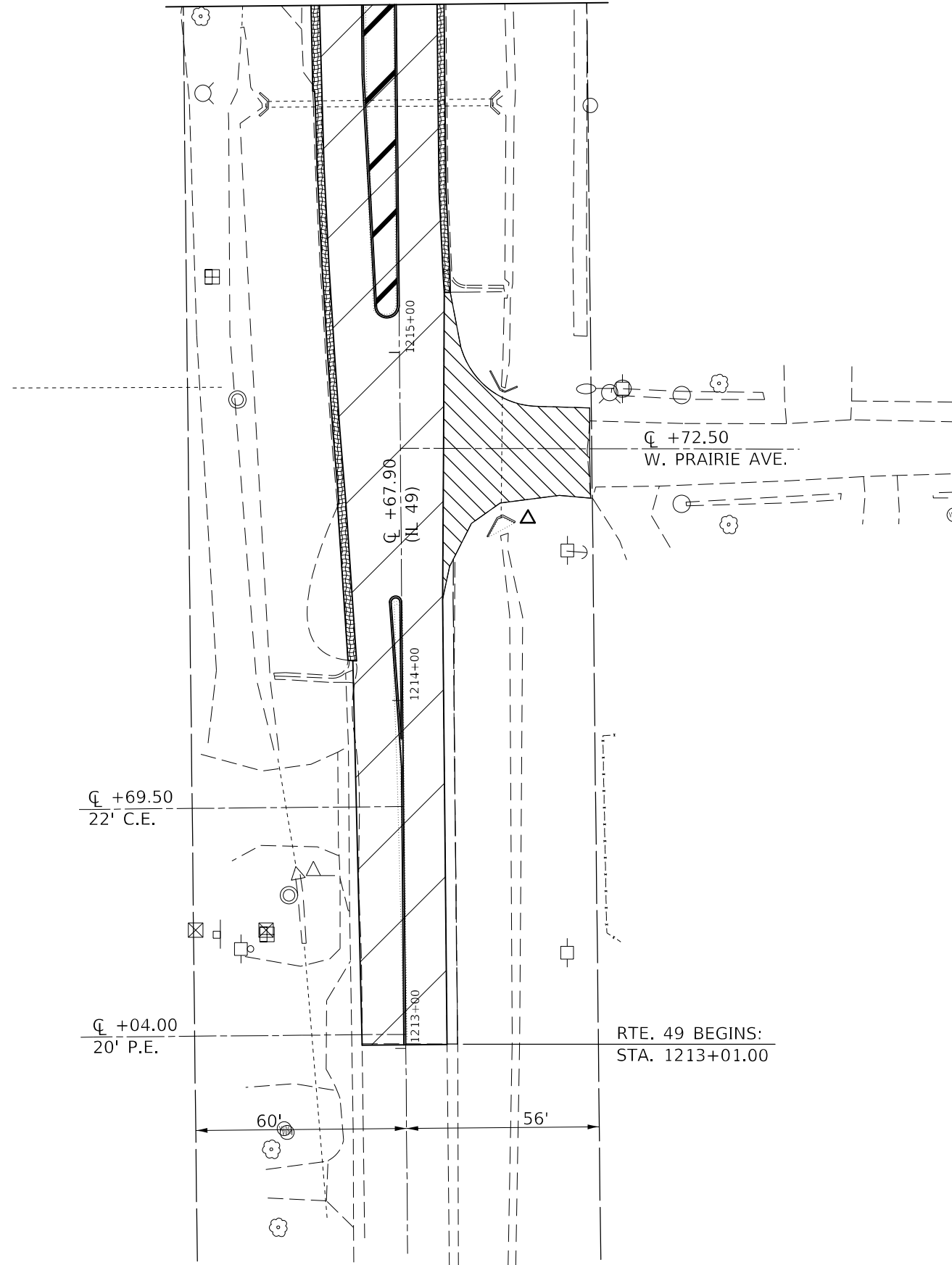
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION




PLAN SHEET

SCALE: 1" = 20' SHEET 10 OF 20 SHEETS STA. 140+50.00 TO STA. 146+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	36
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 1216+00.00



-  HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
-  HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)
-  COLD MILLING (SPECIAL)

SEE INTERSECTION PAVEMENT MARKING
DETAIL FOR STRIPING LAYOUT

MODEL: \\MODEL\MAME
 FILE: \\MAME_Plan\Illinois\paw_bentley.com\PIV\DOT\Documents\DOT_offices\Dir\dr: S\Project\10570C22\CAD\data\CAD\sheet\10570C22-shc-dbar30.dgn

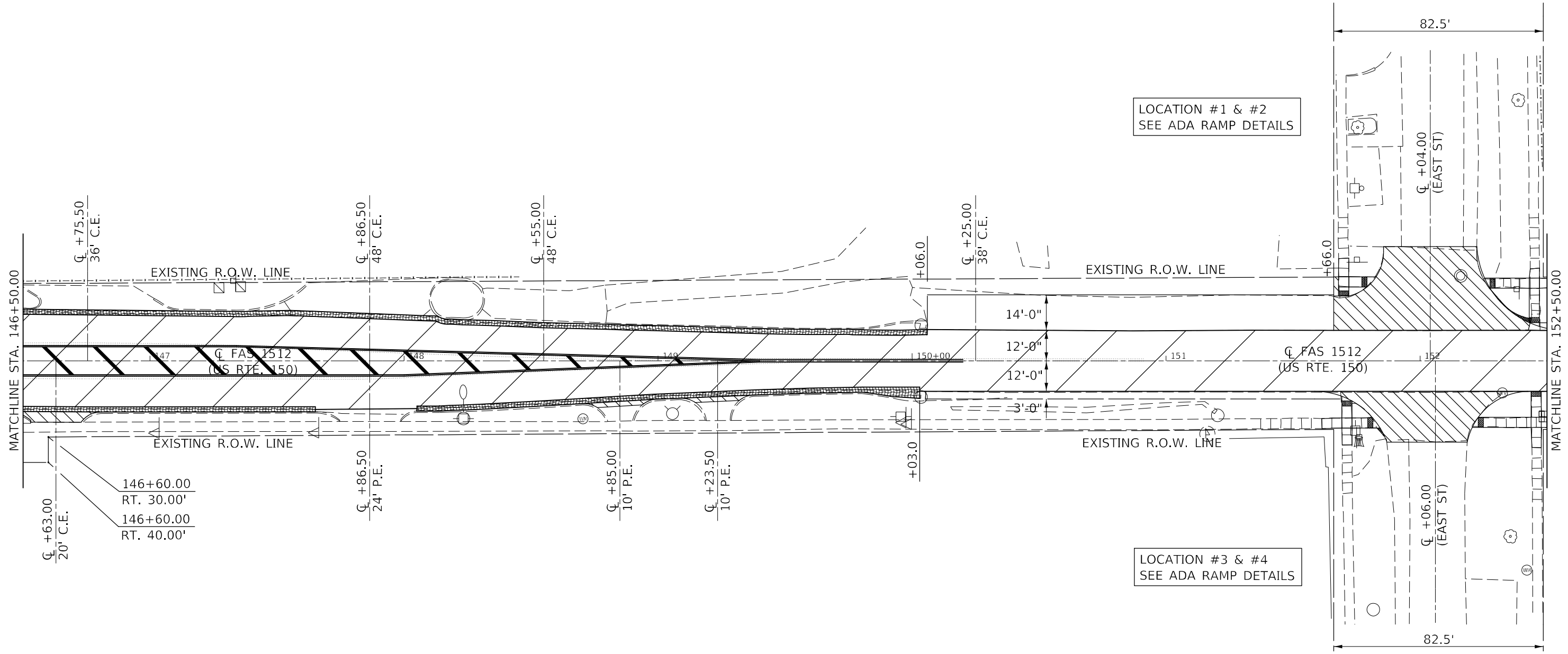
USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 20' SHEET 11 OF 20 SHEETS STA. 1212+50.00 TO STA. 1216+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	37
			CONTRACT NO. 70C22	
			ILLINOIS FED. AID PROJECT	



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)
- COLD MILLING (SPECIAL)

SEE INTERSECTION PAVEMENT MARKING DETAIL FOR STRIPING LAYOUT

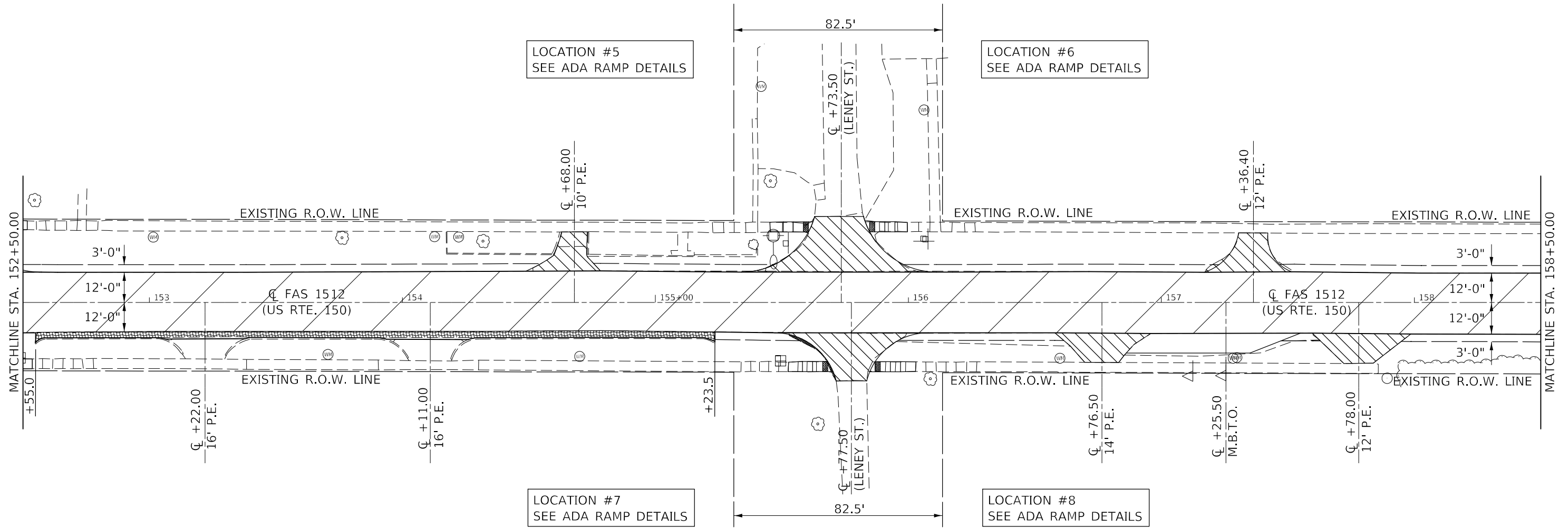
MODEL: I:\MODEL\MHFE FILE: MHFE_Plan\I19R14W22\CAD\Drawings\DOT\Office\Drawings\Project\70C22\CAD\Drawings\70C22-16-14-20.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
SCALE: 1" = 20' SHEET 12 OF 20 SHEETS STA. 146+50.00 TO STA. 152+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	38
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)
- COLD MILLING (SPECIAL)
- DRIVEWAY PAVEMENT REMOVAL

MODEL: \\MODEL\NAME
 FILE: \\NAME\PROJECT\DOT\Office\Drawings\Project\DOT\CADD\Drawings\CADD\Drawings\70C22\Sheet\70C22-13-Plan.dwg

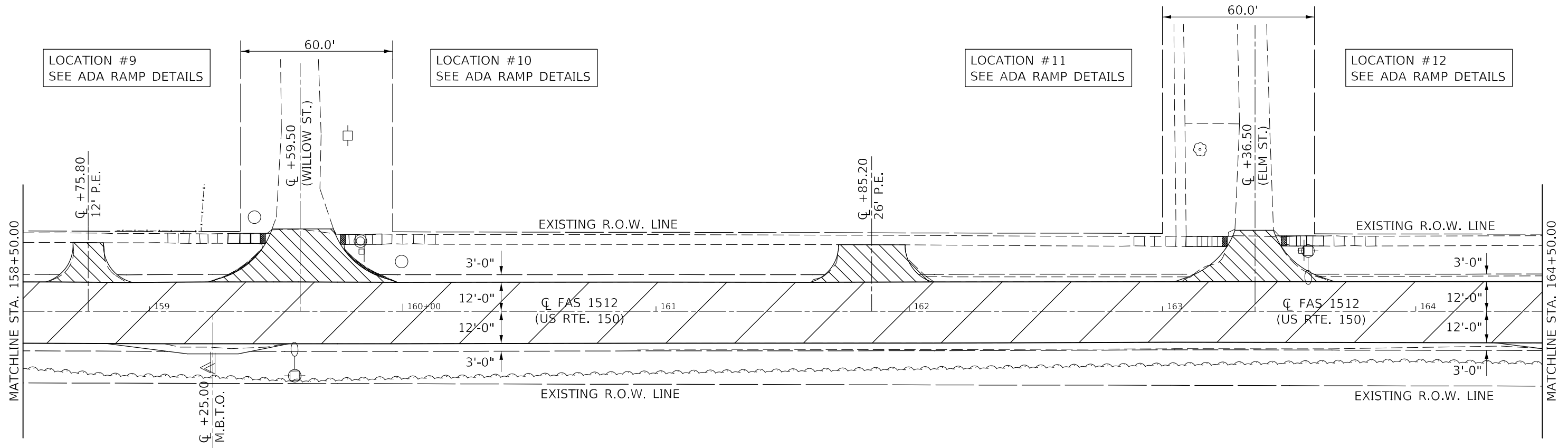
USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 20' SHEET 13 OF 20 SHEETS STA. 152+50.00 TO STA. 158+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	39
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)
- DRIVEWAY PAVEMENT REMOVAL

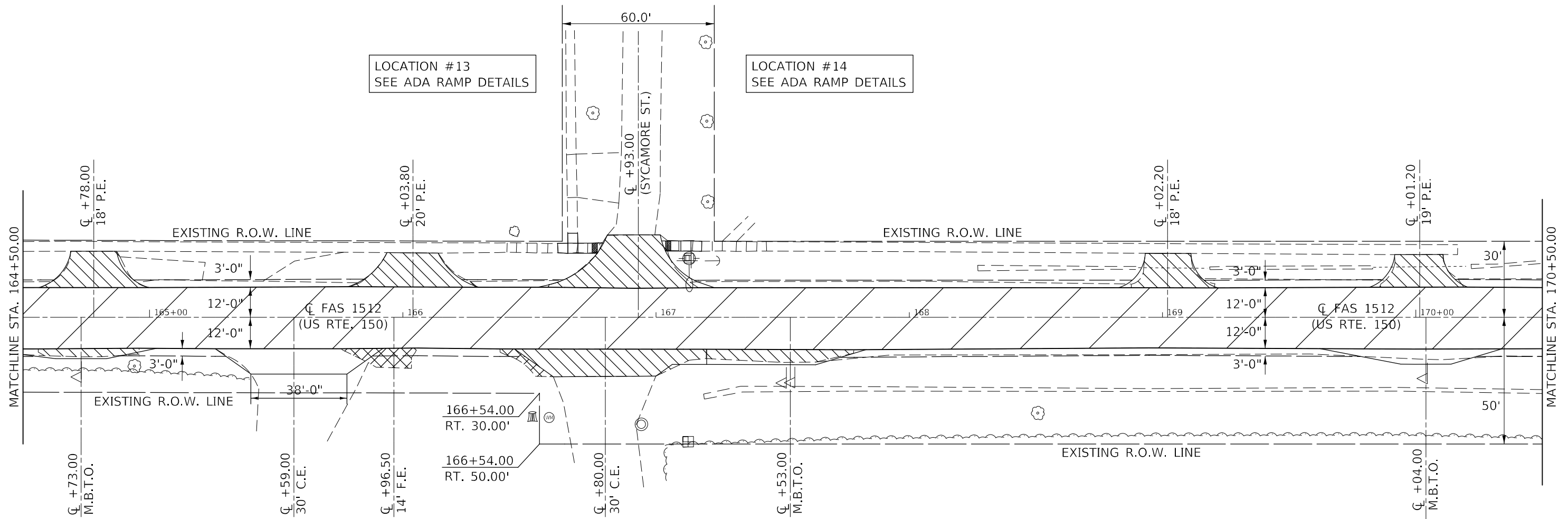
MODEL: I:\MODEL\MMF5
 FILE: MMF5.dwg
 PLOT DATE: 12/13/2021
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\70C22-164-50.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 1" = 20'	SHEET 14	OF 20 SHEETS	STA. 158+50.00 TO STA. 164+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	40
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				



LOCATION #13
SEE ADA RAMP DETAILS

LOCATION #14
SEE ADA RAMP DETAILS

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)
- DRIVEWAY PAVEMENT REMOVAL

MODEL: I:\MODEL\MHMF
 FILE: MHMF_Plan\I19R14W22\CADD\DATA\CAD\Sheets\0570C22-shs-lbar30.dgn
 PROJECT: I:\PROJECTS\DOT\Office\Dir\Dir: S:\Project\0570C22\CADD\DATA\CAD\Sheets\0570C22-shs-lbar30.dgn

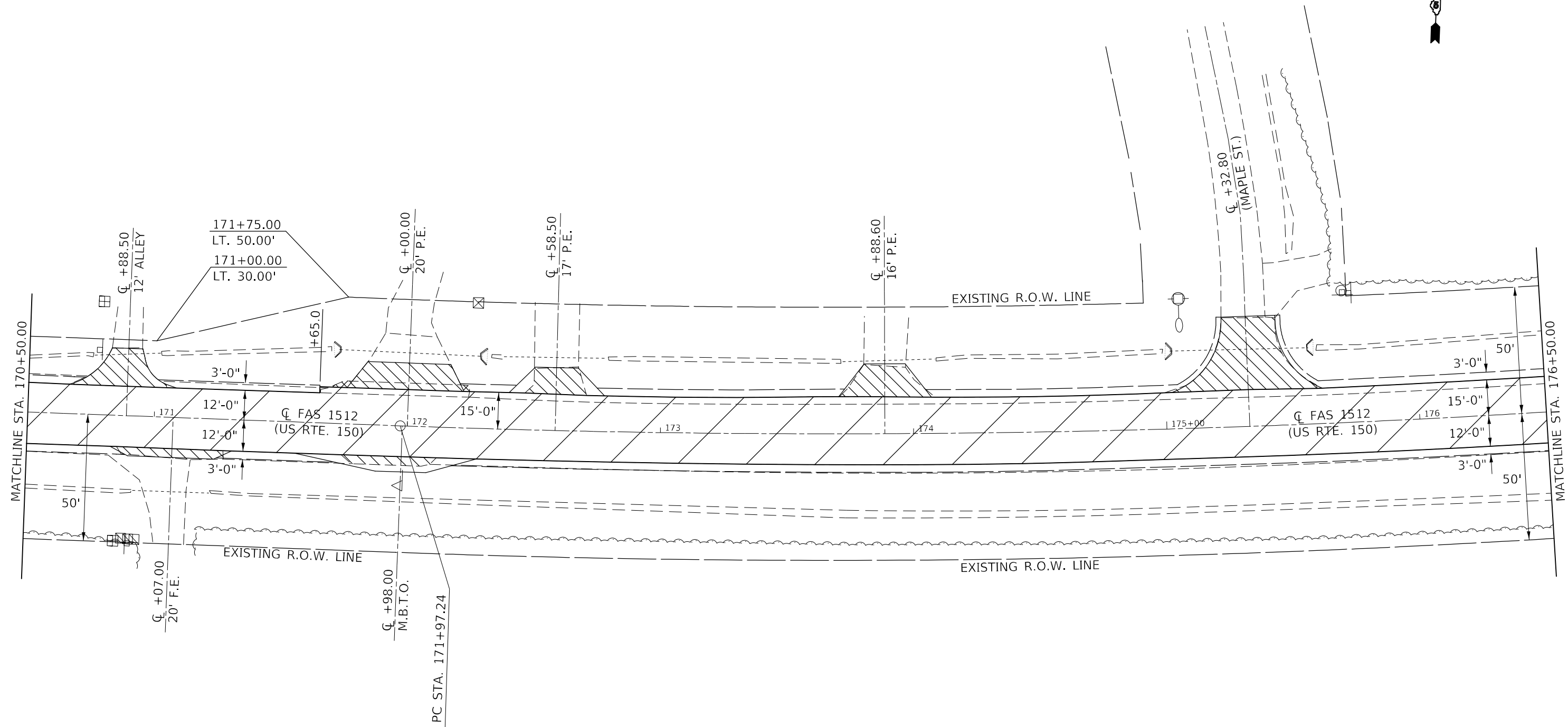
USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: 1" = 20' SHEET 15 OF 20 SHEETS STA. 164+50.00 TO STA. 170+50.00

PLAN SHEET

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	41
CONTRACT NO. 70C22			ILLINOIS FED. AID PROJECT	



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)
- DRIVEWAY PAVEMENT REMOVAL

MODEL: \\MODEL\MAME
 FILE: \\MAILS_PUB\Public\paw_bentley.com\P\I\DOT\Documents\DOT_Offices\Dir\drf: S:\Project\10570C22\CAD\Drawings\CAD\Drawings\70C22-shc-lan30.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

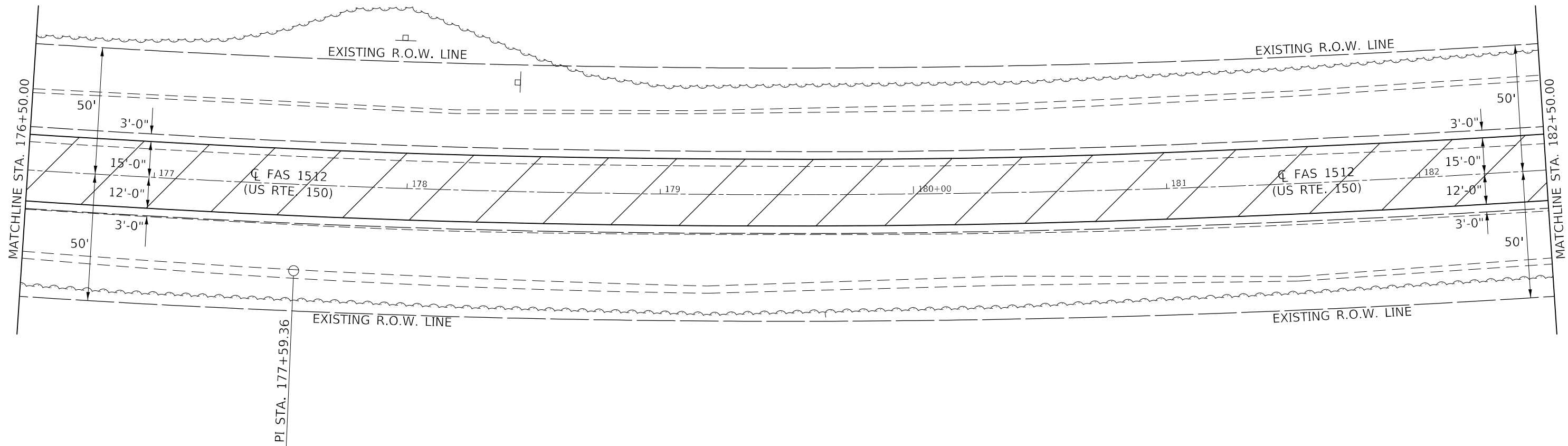
PLAN SHEET	
SCALE: 1" = 20'	SHEET 16 OF 20 SHEETS
STA. 170+50.00	TO STA. 176+50.00



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	42
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

SEC. 9, T.19N., R.14W., 2ND P.M.



EXIST. CURVE US150ALL_37
 PI STA. = 177+59.36
 $\Delta = 13^\circ 53' 48''$ (LT)
 $D = 1^\circ 14' 32''$
 $R = 4,612.48'$
 $T = 562.12'$
 $L = 1,118.72'$
 $E = 34.13'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 171+97.24
 P.T. STA. = 183+15.96

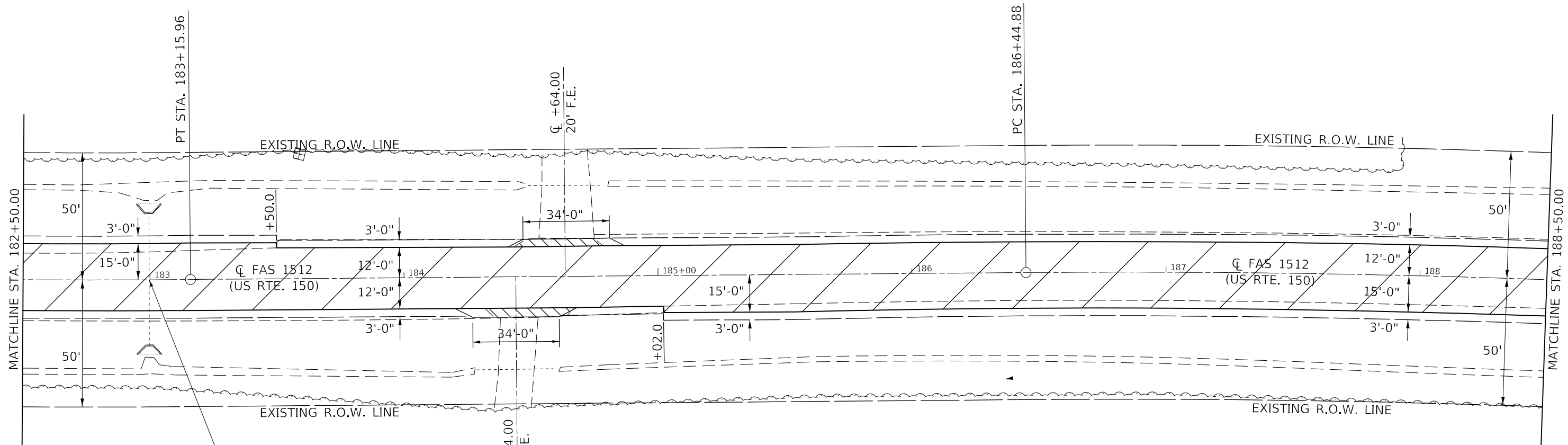


 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

SEC. 16, T.19N., R.14W., 2ND P.M.

MODEL: I:\MODEL\MHFE
 FILE: 151122.ctb
 USER: eaglinga
 DATE: 12/13/2021 10:00:00 AM
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\Sheet10570C22.ctb

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PLAN SHEET				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	43
SCALE: 1" = 20'							SHEET 17 OF 20 SHEETS		STA. 176+50.00 TO STA. 182+50.00			ILLINOIS FED. AID PROJECT



STA. 183+00.00
30" REINFORCED CONCRETE
PIPE CULVERT WITH
CONCRETE WINGWALLS.

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

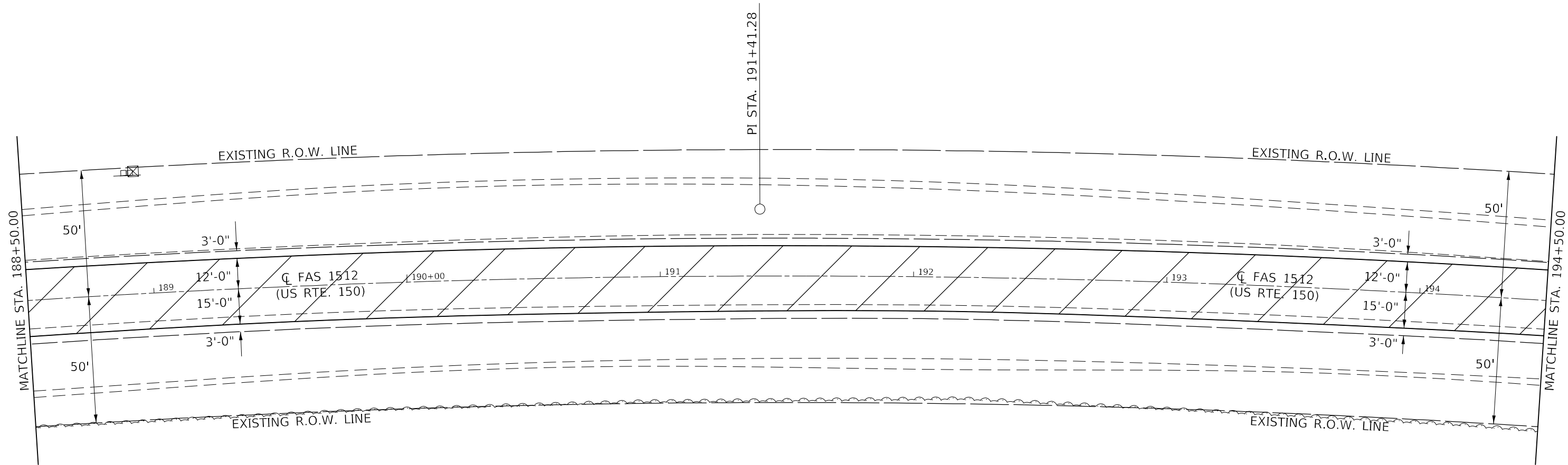
MODEL: I:\MODEL\MMF5
 FILE: MMF5.dwg
 PLOT DATE: 12/13/2021
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\Drawings\70C22-Subplan30.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 1" = 20'	SHEET 18	OF 20 SHEETS	STA. 182+50.00 TO STA. 188+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	44
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE US150ALL_40

PI STA. = 191+41.28
 $\Delta = 12^\circ 11' 59''$ (RT)
 $D = 1^\circ 14' 01''$
 $R = 4,645.03'$
 $T = 496.40'$
 $L = 989.05'$
 $E = 26.45'$
 $e = \underline{\hspace{1cm}}$
 $T.R. = \underline{\hspace{1cm}}$
 $S.E. RUN = \underline{\hspace{1cm}}$
 $P.C. STA. = 186+44.88$
 $P.T. STA. = 196+33.93$

- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

MODEL: I:\MODEL\MMF5
 FILE: MMF5.dwg
 PLOT DATE: 12/13/2021
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\Sheets\70C22-19-188-194.dwg

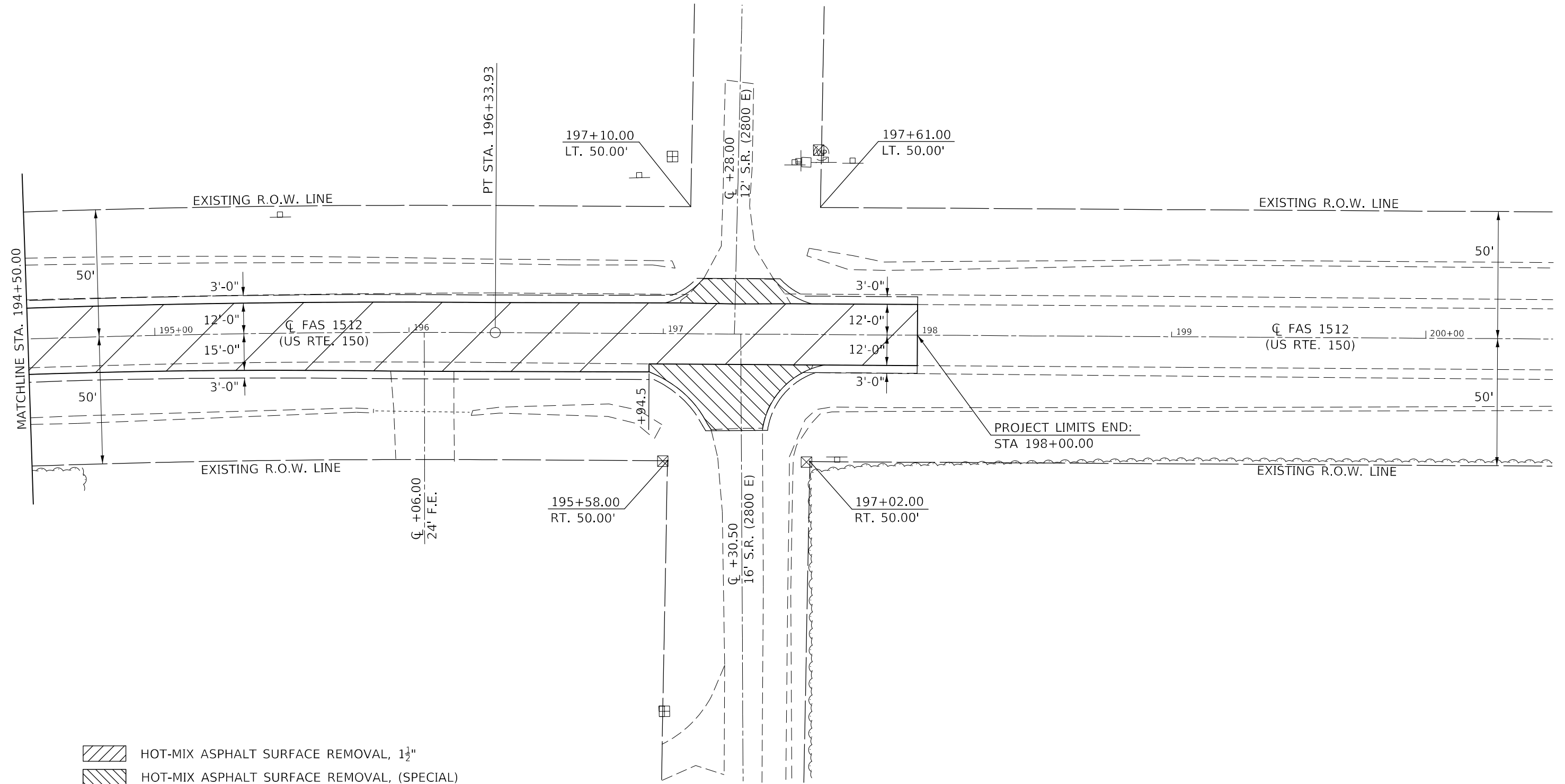
USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 1" = 20' SHEET 19 OF 20 SHEETS STA. 188+50.00 TO STA. 194+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	45
CONTRACT NO. 70C22			ILLINOIS FED. AID PROJECT	



- HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- HOT-MIX ASPHALT SURFACE REMOVAL, (SPECIAL)

MODEL: I:\MODEL\MMF5
 FILE: MMF5.dwg
 PLOT DATE: 12/13/2021
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\Sheets\70C22-shs-dbar20.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

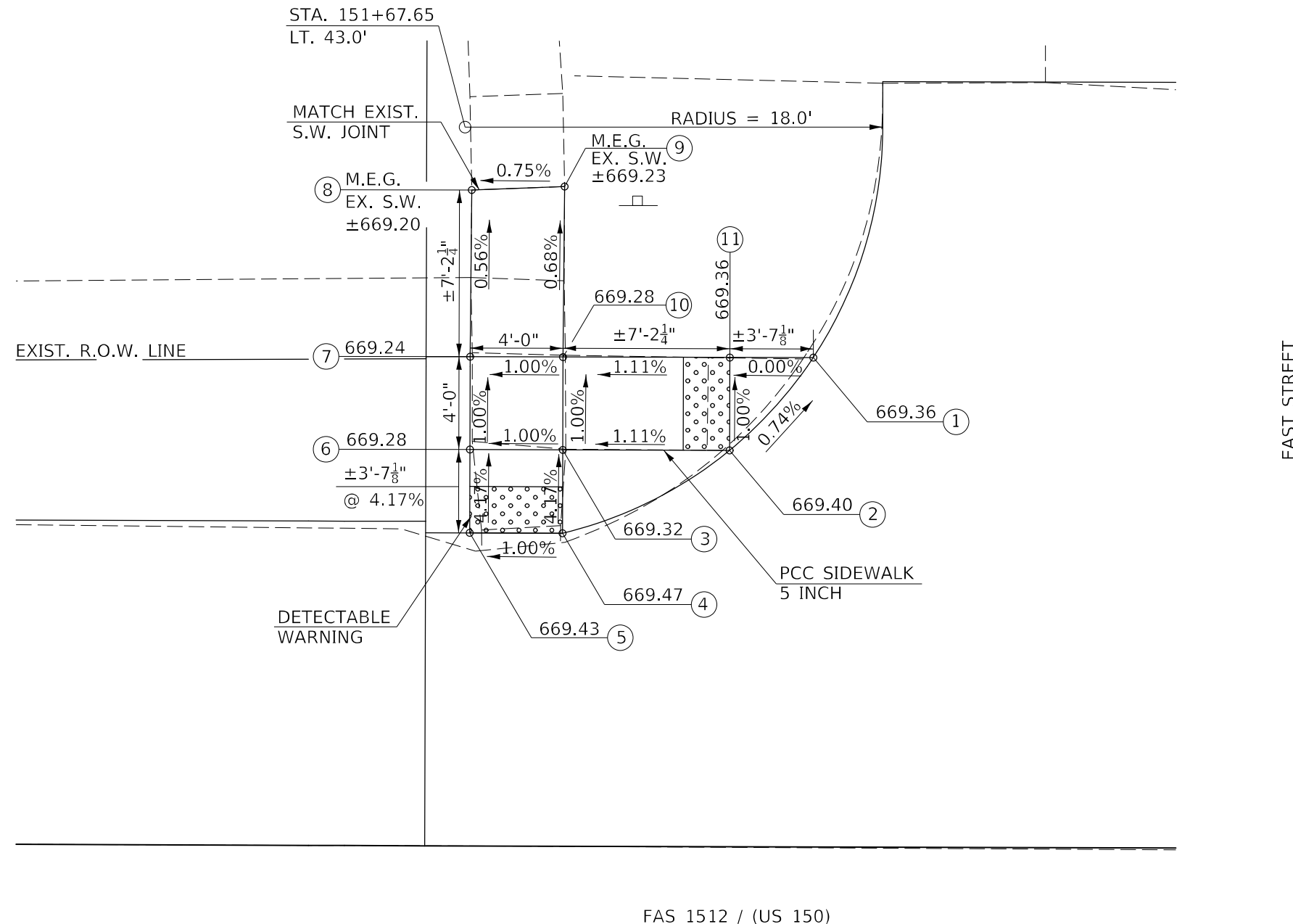
PLAN SHEET			
SCALE: 1" = 20'	SHEET 20	OF 20 SHEETS	STA. 194+50.00 TO STA. 200+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	46
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

LOCATION #1

N.W. QUADRANT

EAST STREET



LOCATION #1 - N.W. QUADRANT
FAS 1512 & EAST STREET

LOCATION	STATION	OFFSET
1	151+82.69	LT. 33.09
2	151+79.09	LT. 29.09
3	151+71.90	LT. 29.09
4	151+71.90	LT. 25.50
5	151+67.90	LT. 25.50
6	151+67.90	LT. 29.09
7	151+67.90	LT. 33.09
8	151+67.95	LT. 40.28
9	151+71.95	LT. 40.44
10	151+71.90	LT. 33.09
11	151+79.09	LT. 33.09

FAS 1512 / (US 150)

NOTES:

- M.E.G. = MATCH EXISTING GRADE
- 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.
- MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.

MODEL: I:\MODEL\MAME
 FILE: MAME: p:\pub\c-pw\beadefy.com\PIV\DOT\Documents\DOT\Office\Dir\dr: S:\Project\1512\1512\1512\CADD\1512\CAD\Sheet\1512\70C22-shc-ADA-Ramp.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PEDESTRIAN RAMP DETAIL
LOCATION #1 (N.W. QUAD /EAST ST.)

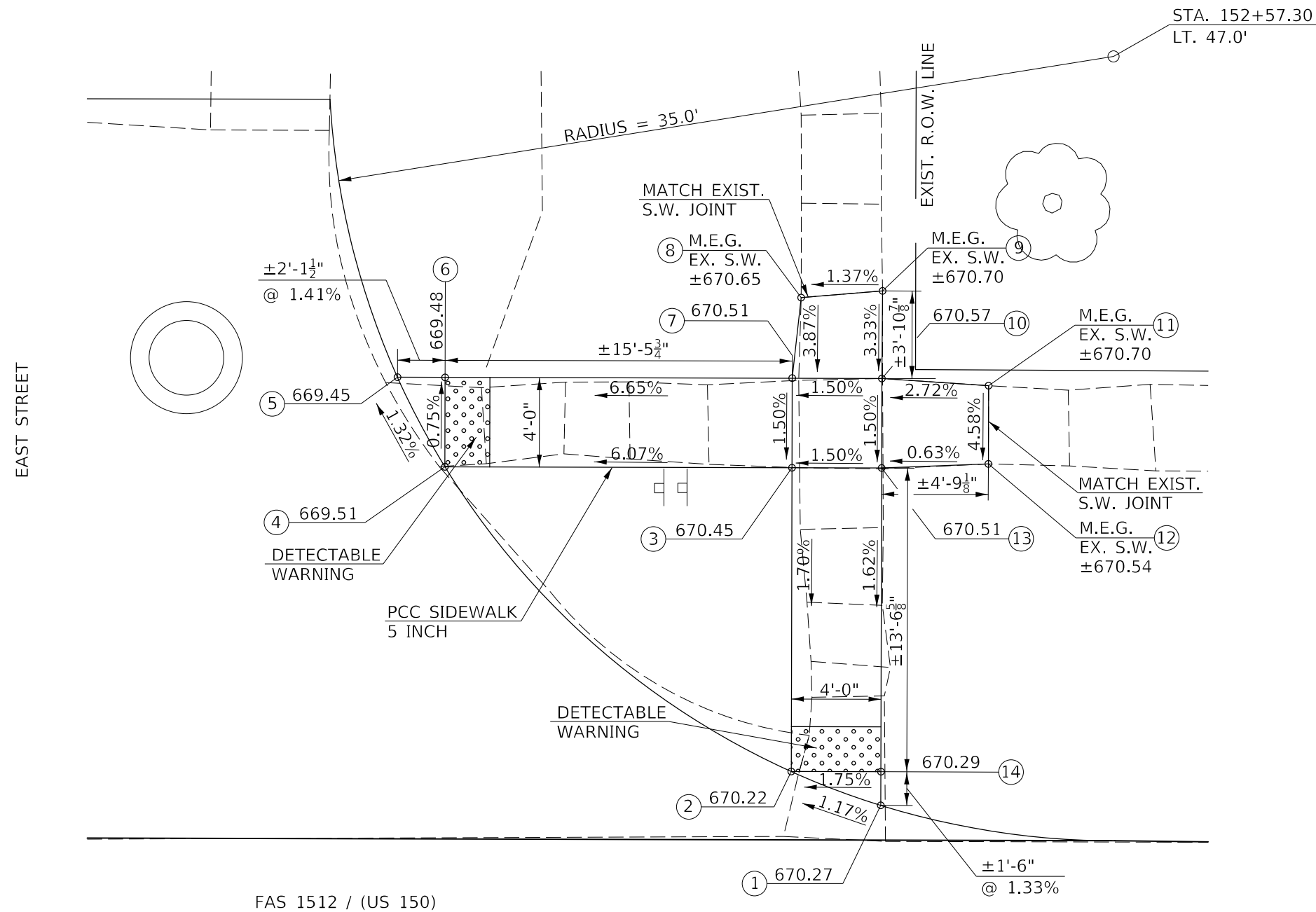
SCALE: 1" = 3' SHEET 1 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	51
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

LOCATION #2

N.E. QUADRANT

EAST STREET



LOCATION #2 - N.E. QUADRANT
FAS 1512 & EAST STREET

LOCATION	STATION	OFFSET
1	152+47.00	LT. 13.55
2	152+43.00	LT. 15.05
3	152+43.00	LT. 28.60
4	152+27.52	LT. 28.60
5	152+25.39	LT. 32.60
6	152+27.52	LT. 32.60
7	152+43.00	LT. 32.60
8	152+43.39	LT. 36.20
9	152+47.02	LT. 36.50
10	152+47.00	LT. 32.60
11	152+51.76	LT. 32.29
12	152+51.76	LT. 28.80
13	152+47.00	LT. 28.60
14	152+47.00	LT. 15.05

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 RAMP.
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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PEDESTRIAN RAMP DETAIL
LOCATION #2 (N.E. QUAD / EAST ST.)

SCALE: 1" = 3' SHEET 2 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	52
CONTRACT NO. 70C22				

ILLINOIS FED. AID PROJECT

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

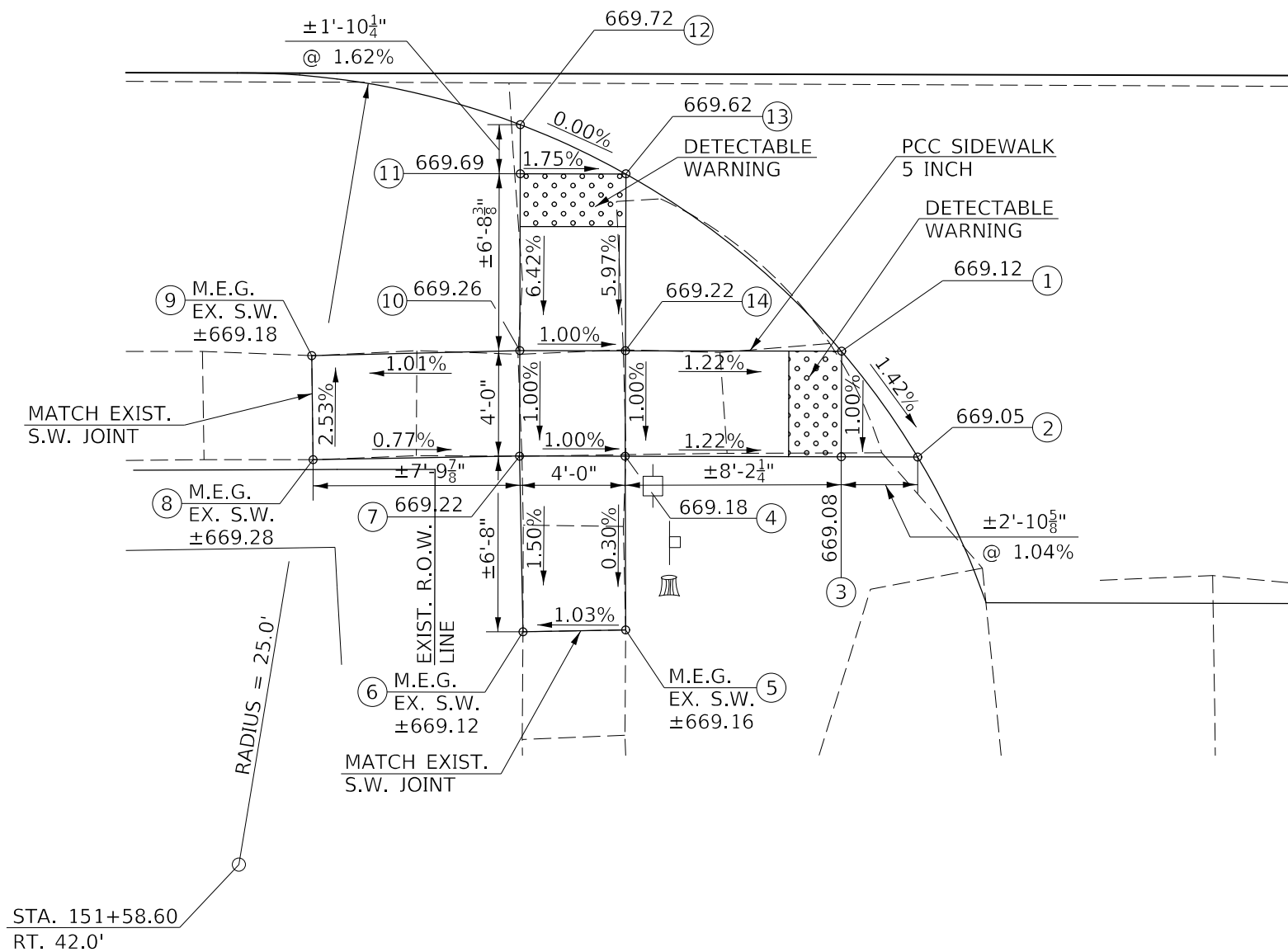
LOCATION #3

S.W. QUADRANT

EAST STREET



FAS 1512 / (US 150)



EAST STREET

LOCATION #3 - S.W. QUADRANT
FAS 1512 & EAST STREET

LOCATION	STATION	OFFSET
1	151+81.39	RT. 22.49
2	151+84.28	RT. 26.49
3	151+81.39	RT. 26.49
4	151+73.20	RT. 26.49
5	151+73.23	RT. 33.07
6	151+69.35	RT. 33.16
7	151+69.20	RT. 26.49
8	151+61.38	RT. 26.65
9	151+61.32	RT. 22.71
10	151+69.20	RT. 22.49
11	151+69.20	RT. 15.79
12	151+69.20	RT. 13.94
13	151+73.20	RT. 15.79
14	151+73.20	RT. 22.49

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.

MODEL: \\MODEL\MAME
FILE: \\MAME_Plan\Bldg\paw_beaufay.com\PIV\DOT\Documents\DOT_Offices\Dir\drf_5\Project\1512\CAD\Drawings\1512\22-rt-ADA_Ramps.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 6,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #3 (S.W. QUAD /EAST ST.)**

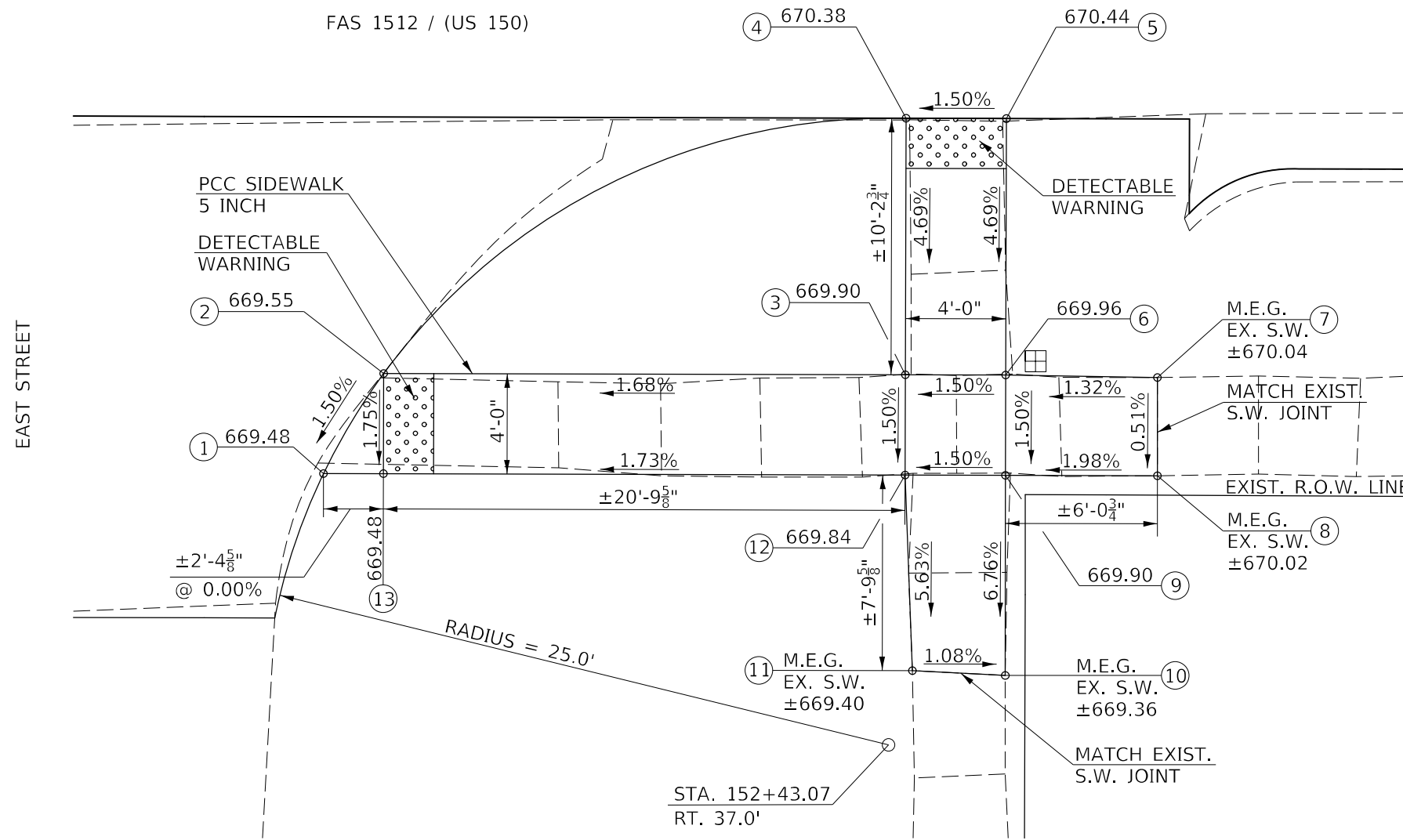
SCALE: 1" = 3' SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	53
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

LOCATION #4

S.E. QUADRANT

EAST STREET



LOCATION #4 - S.E. QUADRANT
FAS 1512 & EAST STREET

LOCATION	STATION	OFFSET
1	152+20.50	RT. 26.23
2	152+22.89	RT. 22.23
3	152+43.70	RT. 22.23
4	152+43.70	RT. 12.00
5	152+47.70	RT. 12.00
6	152+47.70	RT. 22.23
7	152+53.75	RT. 22.32
8	152+53.77	RT. 26.23
9	152+47.70	RT. 26.23
10	152+47.72	RT. 34.22
11	152+44.01	RT. 34.04
12	152+43.70	RT. 26.23
13	152+22.89	RT. 26.23

- 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.

MODEL: I:\MODEL\MMFE
 FILE: MMFE_Plan\1512\1512.dwg
 PROJECT: I:\PROJECTS\1512\1512.dwg
 OFFICE: I:\PROJECTS\1512\1512.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 6,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #4 (S.E. QUAD / EAST ST.)**

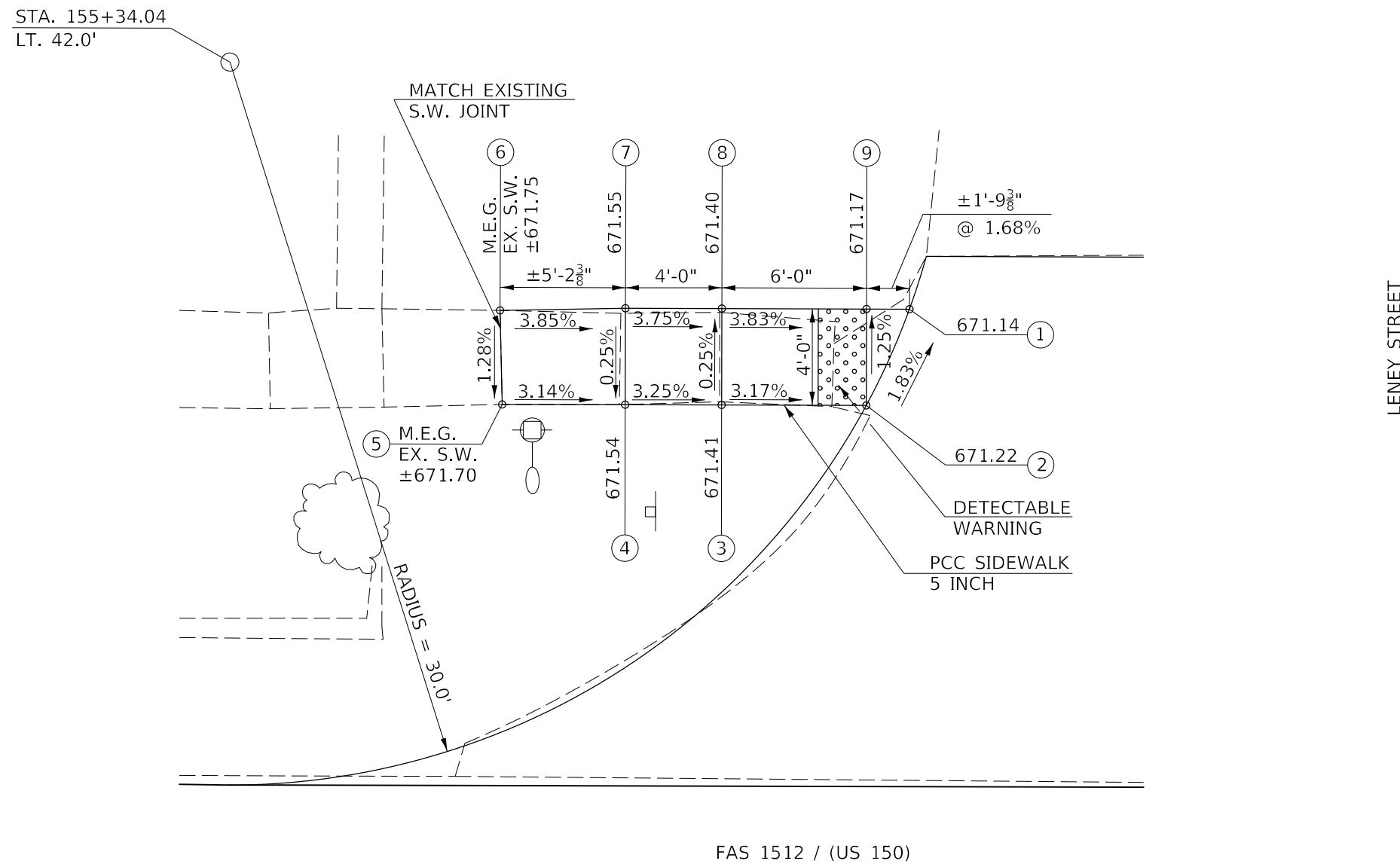
SCALE: 1" = 3' SHEET 3 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	54
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

LOCATION #5

N.W. QUADRANT

LENEY STREET



LOCATION #5 - N.W. QUADRANT
FAS 1512 & LENEY STREET

LOCATION	STATION	OFFSET
1	155+62.26	LT. 31.82
2	155+60.48	LT. 27.82
3	155+54.48	LT. 27.82
4	155+50.48	LT. 27.82
5	155+45.37	LT. 27.82
6	155+45.28	LT. 31.72
7	155+50.48	LT. 31.82
8	155+54.48	LT. 31.82
9	155+60.48	LT. 31.82

- 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.

MODEL: I:\MODELS\MRIF
 FILE: MRIF_Plan\Bldg-Plan\Bldg-Plan.dwg
 PLOT DATE: 12/13/2021

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PEDESTRIAN RAMP DETAIL
LOCATION #5 (N.W. QUAD /LENEY ST.)

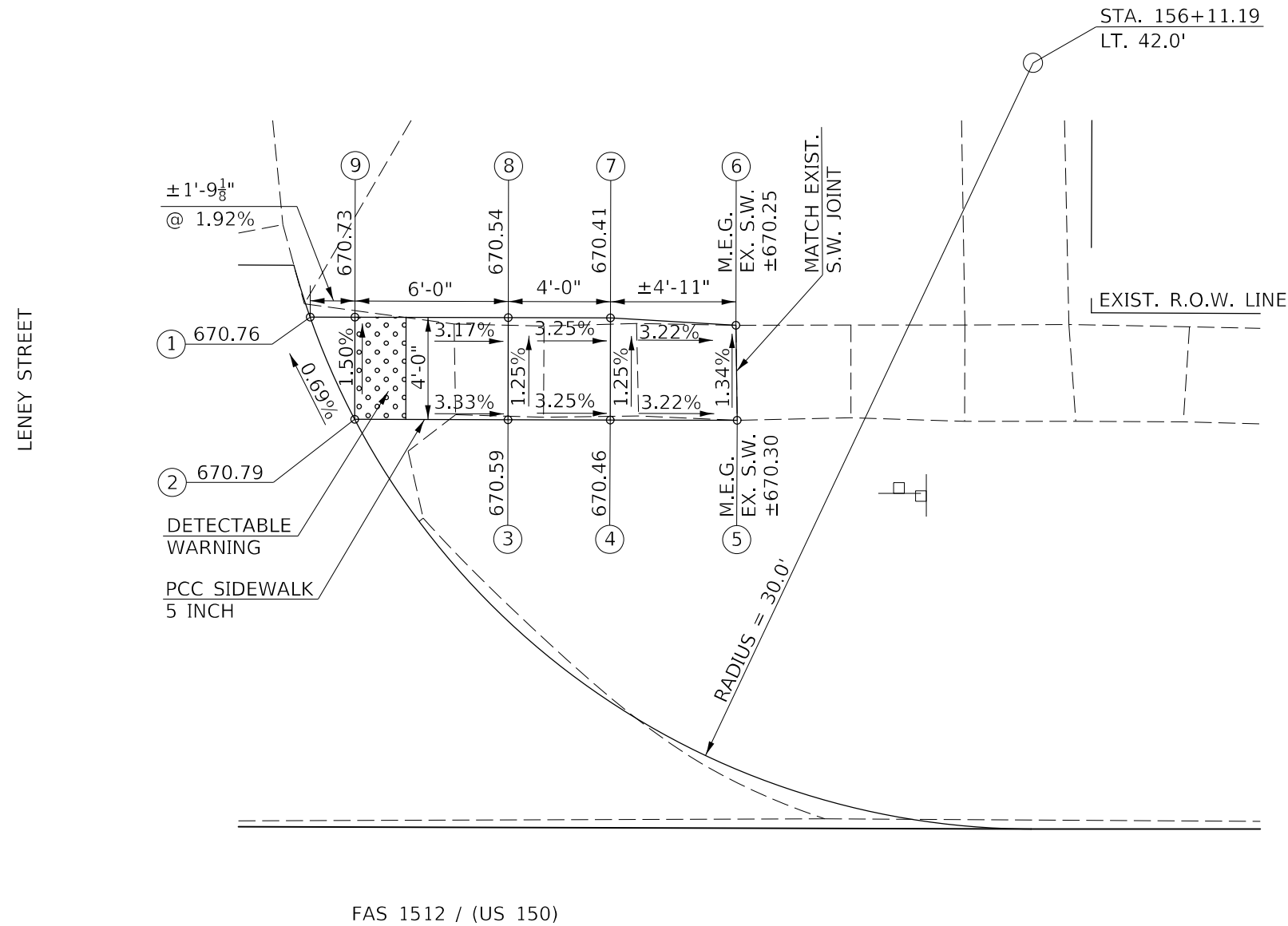
SCALE: 1" = 3' SHEET 5 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	55
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

LOCATION #6

N.E. QUADRANT

LENEY STREET



LOCATION	STATION	OFFSET
1	155+82.92	LT. 31.97
2	155+84.67	LT. 27.97
3	155+90.67	LT. 27.97
4	155+94.67	LT. 27.97
5	155+99.64	LT. 27.97
6	155+99.59	LT. 31.70
7	155+94.67	LT. 31.97
8	155+90.67	LT. 31.97
9	155+84.67	LT. 31.97

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 RAMP.
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.

MODEL: \\MODEL\MAME
 FILE: \\MAME:pub\lucy\paw_bendley.com\PIV\DOT\Documents\DOT_Offices\Dir\dr: 5\Project\1570C22\CADD\1512\CAD\Sheet\1570C22-rtb-ADA_Ramp.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #6 (N.E. QUAD /LENEY ST.)**

SCALE: 1" = 3' SHEET 6 OF 14 SHEETS STA. TO STA.

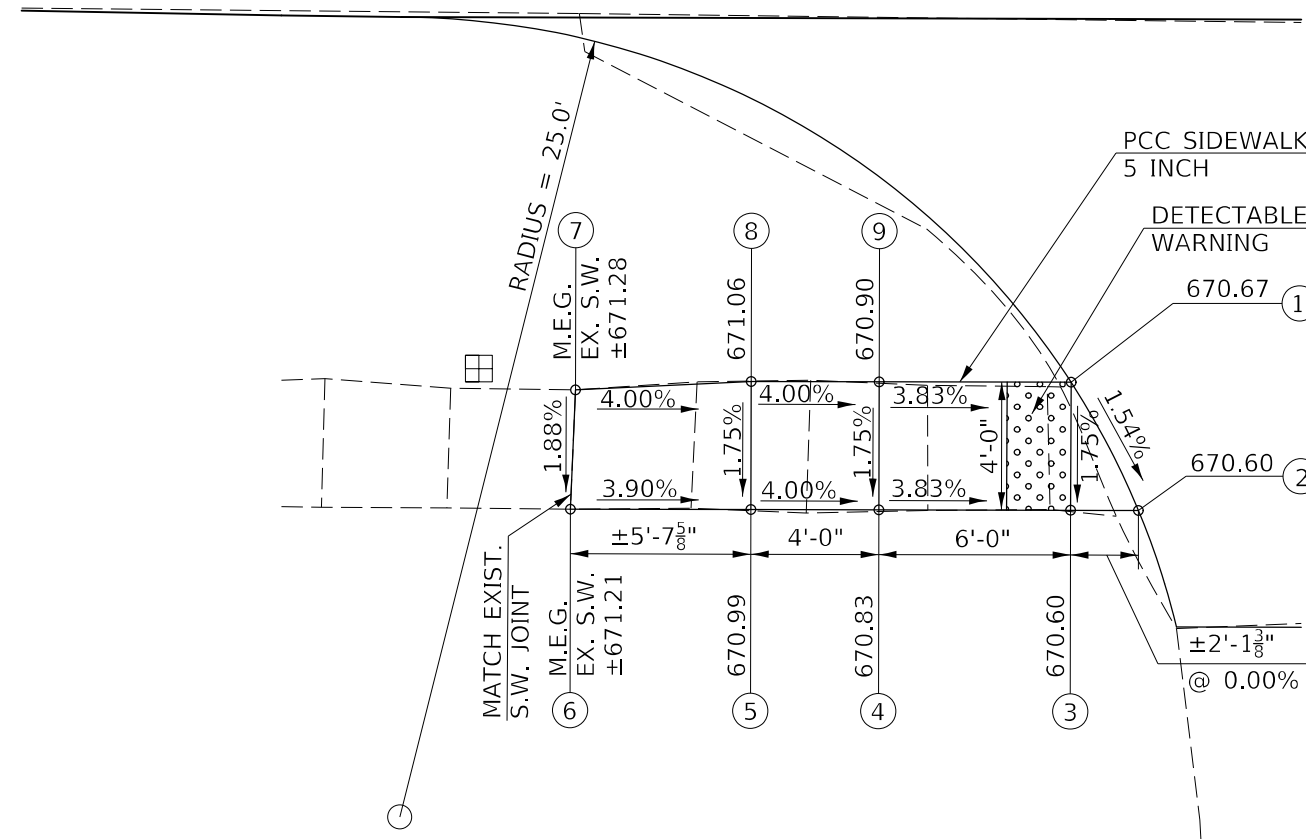
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	56
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

LOCATION #7

S.W. QUADRANT

LENEY STREET

FAS 1512 / (US 150)



LENEY STREET

LOCATION #7 - S.W. QUADRANT
FAS 1512 & LENEY STREET

LOCATION	STATION	OFFSET
1	155+68.17	RT. 23.36
2	155+70.28	RT. 27.36
3	155+68.17	RT. 27.36
4	155+62.17	RT. 27.36
5	155+58.17	RT. 27.36
6	155+52.53	RT. 27.36
7	155+52.68	RT. 23.64
8	155+58.17	RT. 23.36
9	155+62.17	RT. 23.36

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.

MODEL: \\MODEL\MAME
FILE: \\MAME:pub\pub\cpx\ben\ben\com\PIV\DOT\Documents\DOT\Office\Dir\dr: S:\Project\1512\CAD\Drawings\CAD\Drawings\1512\1512-Sub-ADA-Ramps.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 6,000' / in.	CHECKED -	REVISED -	
PLOT DATE = 12/13/2021	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #7 (S.W. QUAD /LENEY ST.)**

SCALE: 1" = 3' SHEET 7 OF 14 SHEETS STA. TO STA.

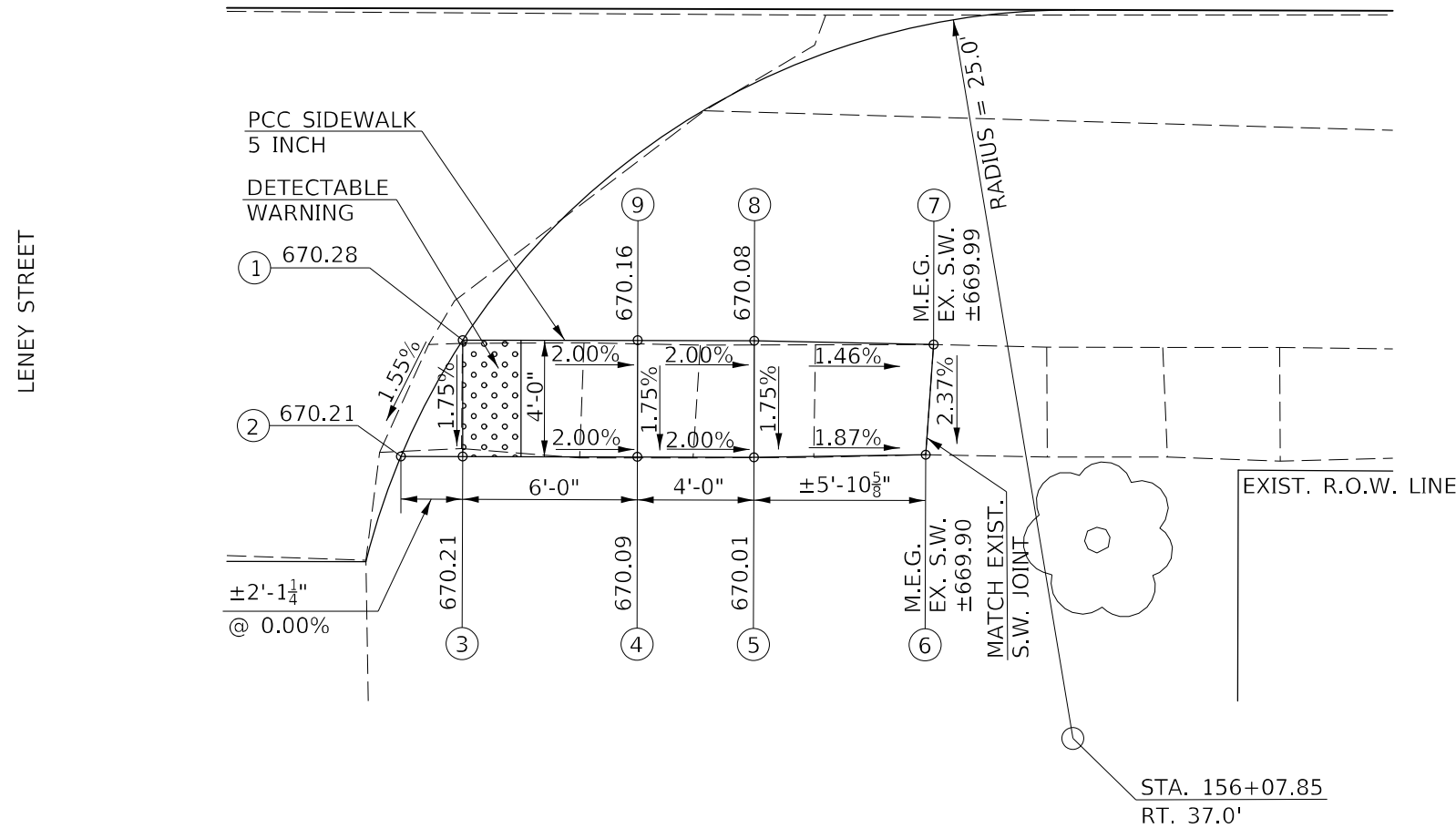
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	57
				CONTRACT NO. 70C22
ILLINOIS FED. AID PROJECT				

LOCATION #8

S.E. QUADRANT

LENEY STREET

FAS 1512 / (US 150)



LOCATION #8 - S.E. QUADRANT
FAS 1512 & LENEY STREET

LOCATION	STATION	OFFSET
1	155+86.89	RT. 23.38
2	155+84.77	RT. 27.38
3	155+86.89	RT. 27.38
4	155+92.89	RT. 27.38
5	155+96.89	RT. 27.38
6	156+02.77	RT. 27.28
7	156+03.04	RT. 23.19
8	155+96.89	RT. 23.38
9	155+92.89	RT. 23.38

- 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.

MODEL: I:\MODEL\MAME
 FILE: MAME_Plan\I\Bentley.com\PIV\DOT\Documents\DOT\Office\Dir\dr. S\Project\1512\CAD\Drawings\CAD\Sheet\1512\70C22-sha-ADA_Ramp.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PEDESTRIAN RAMP DETAIL
LOCATION #8 (S.E. QUAD /LENEY ST.)

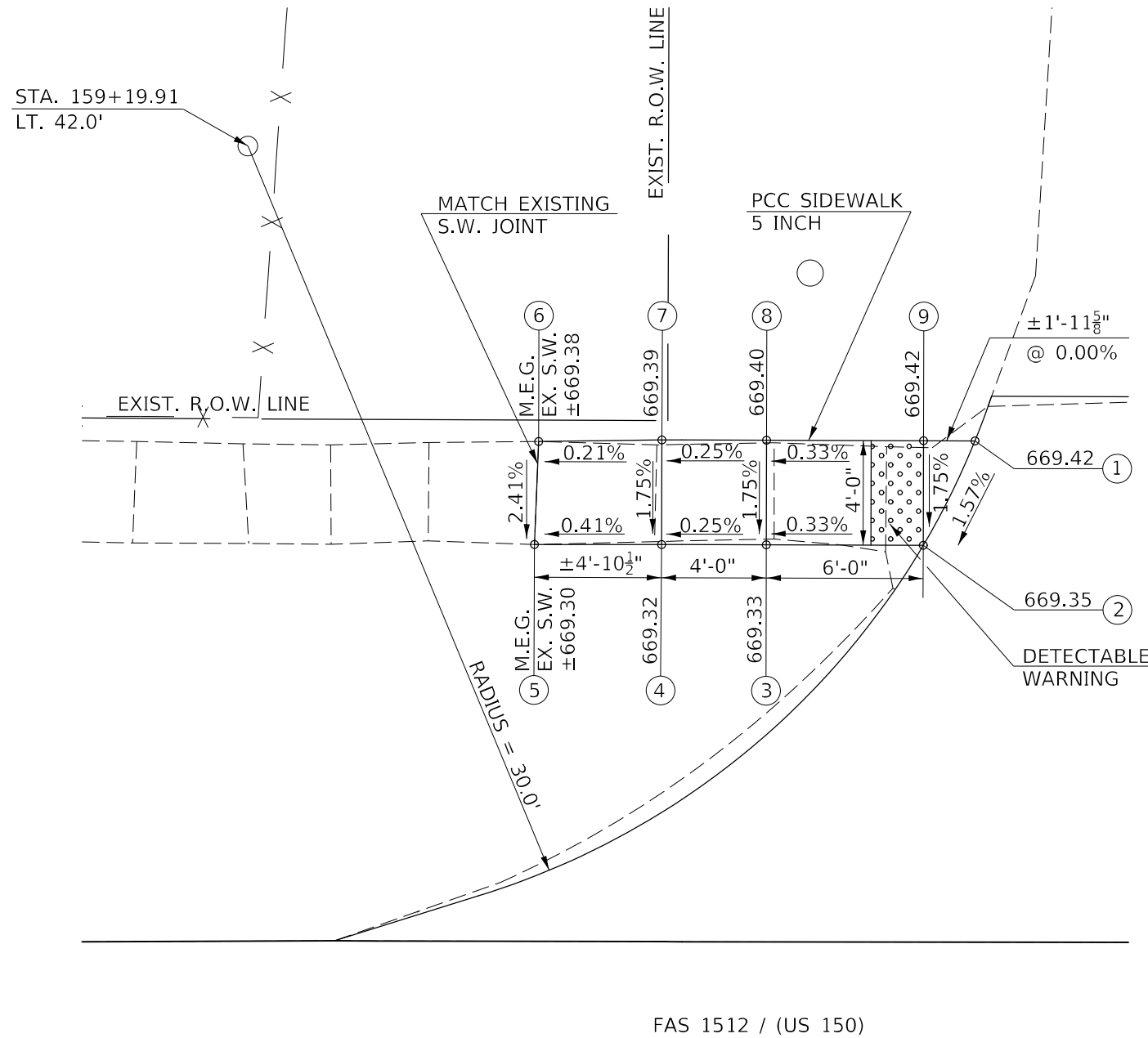
SCALE: 1" = 3' SHEET 8 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	58
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

LOCATION #9

N.W. QUADRANT

WILLOW STREET



WILLOW STREET

LOCATION #9 - N.W. QUADRANT
FAS 1512 & WILLOW STREET

LOCATION	STATION	OFFSET
1	159+47.74	LT. 30.79
2	159+45.77	LT. 26.79
3	159+39.77	LT. 26.79
4	159+35.77	LT. 26.79
5	159+30.90	LT. 26.79
6	159+31.06	LT. 30.72
7	159+35.77	LT. 30.79
8	159+39.77	LT. 30.79
9	159+45.77	LT. 30.79

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 RAMP.
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.

FAS 1512 / (US 150)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PEDESTRIAN RAMP DETAIL
LOCATION #9 (N.W. QUAD / WILLOW ST.)

SCALE: 1" = 3'

SHEET 9 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	59

CONTRACT NO. 70C22
ILLINOIS FED. AID PROJECT

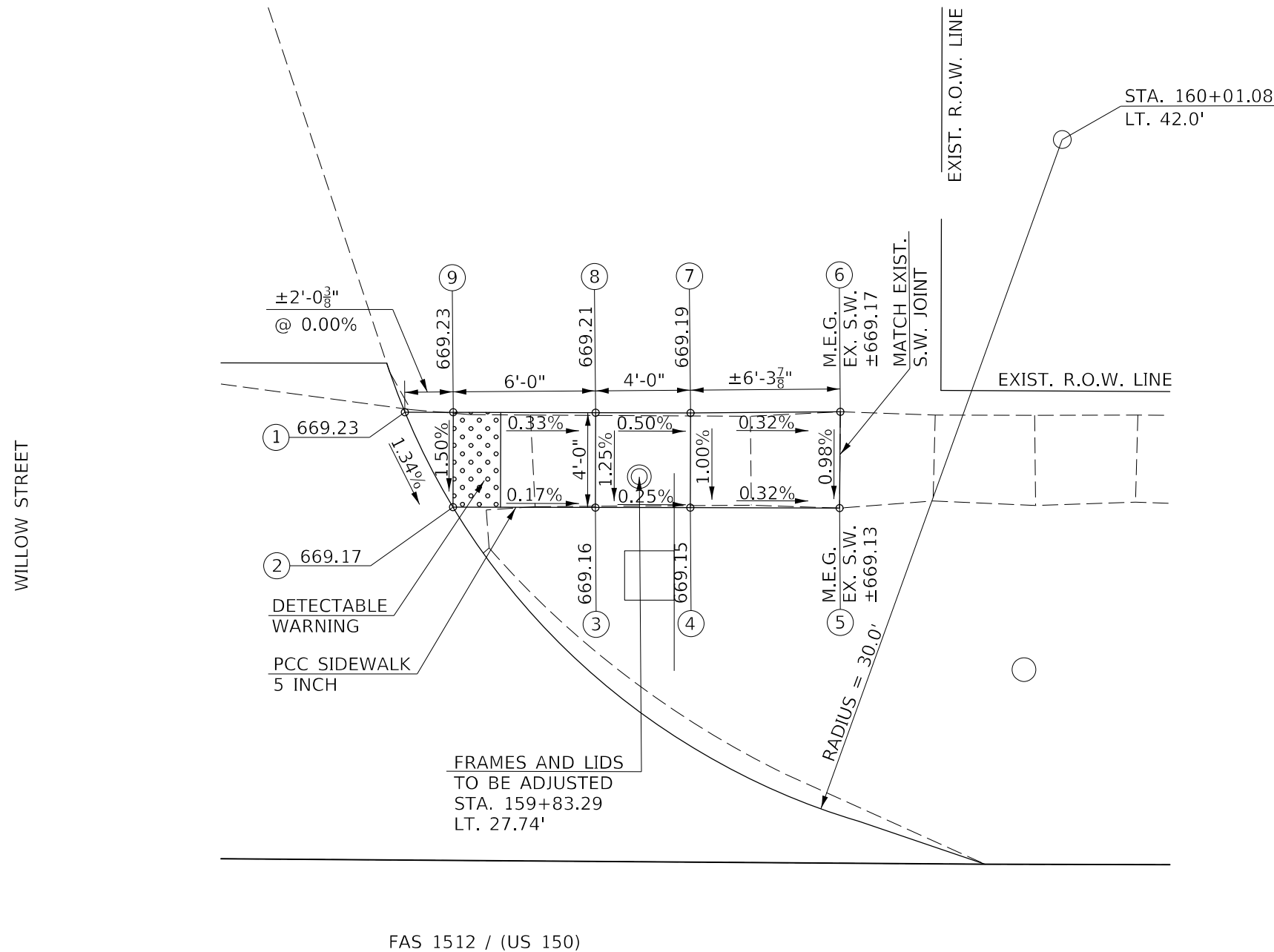
USER NAME	DESIGNED	REVISIONS
eaglinga	-	-
	DRAWN	REVISIONS
	-	-
	CHECKED	REVISIONS
	-	-
	DATE	REVISIONS
	-	-

PLOT SCALE = 6,000' / in.
PLOT DATE = 12/13/2021

LOCATION #10

N.E. QUADRANT

WILLOW STREET



LOCATION #10 - N.E. QUADRANT
FAS 1512 & WILLOW STREET

LOCATION	STATION	OFFSET
1	159+73.40	LT. 30.43
2	159+75.44	LT. 26.43
3	159+81.44	LT. 26.43
4	159+85.44	LT. 26.43
5	159+91.74	LT. 26.43
6	159+91.76	LT. 30.50
7	159+85.44	LT. 30.13
8	159+81.44	LT. 30.43
9	159+75.44	LT. 30.43

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.

MODEL: \\MODEL\MAME
 FILE: \\MAME:pub\lib\cpx\bea\by.com\PIV\DOT\Documents\DOT\Office\Dir\dr: S:\Project\10570C22\CAD\Drawings\CAD\Sheet\10570C22-rt-ADA-Ramp.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

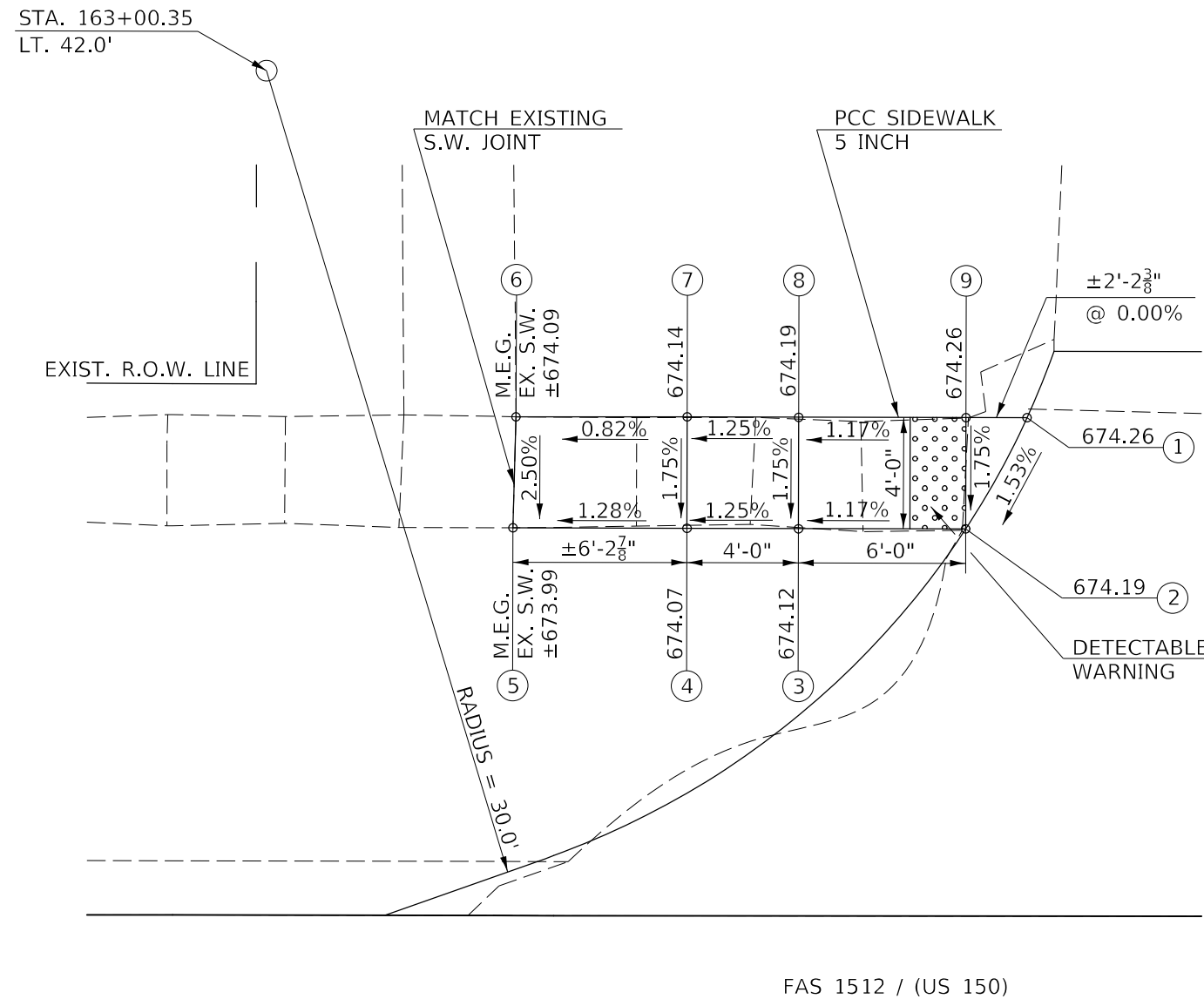
ADA PEDESTRIAN RAMP DETAIL	
LOCATION #10 (N.E. QUAD /WILLOW ST.)	
SCALE: 1" = 3'	SHEET 10 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	60
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

LOCATION #11

N.W. QUADRANT

ELM STREET



ELM STREET

LOCATION #11 - N.W. QUADRANT
FAS 1512 & ELM STREET

LOCATION	STATION	OFFSET
1	163+27.67	LT. 29.61
2	163+25.48	LT. 25.61
3	163+19.48	LT. 25.61
4	163+15.48	LT. 25.61
5	163+09.23	LT. 25.61
6	163+09.33	LT. 29.60
7	163+15.48	LT. 29.61
8	163+19.48	LT. 29.61
9	163+25.48	LT. 29.61

FAS 1512 / (US 150)

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 RAMP.
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.

MODEL: \\MODEL\MAME
FILE: \\MAME:pub\pub\cva_bentley.com\PIV\DOT\Documents\DOT_Offices\Dir\dr: S:\Project\1057022\CAD\Drawings\CAD\Sheet\1057022-sha-ADA_Ramp.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

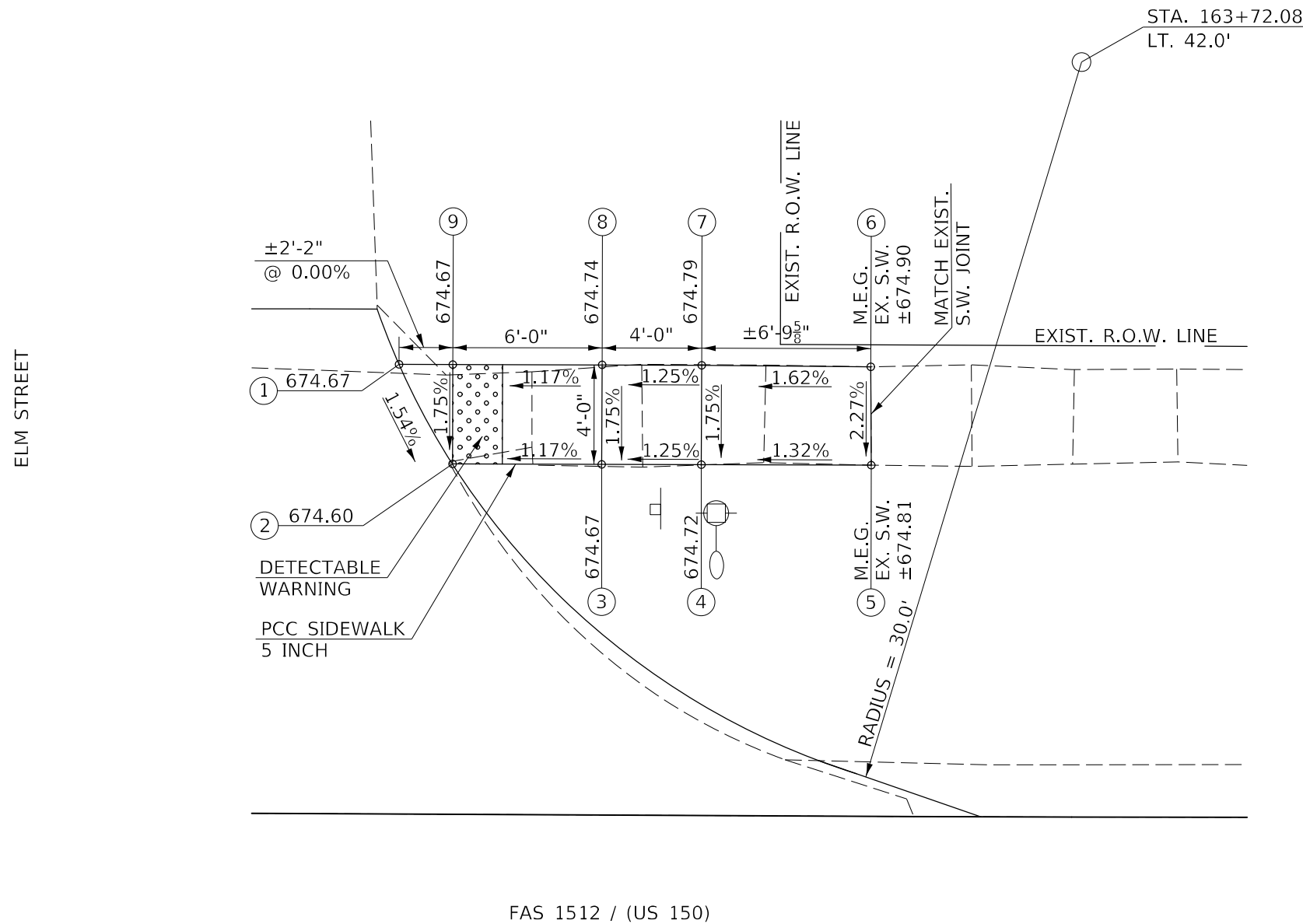
ADA PEDESTRIAN RAMP DETAIL	
LOCATION #11 (N.W. QUAD / ELM ST.)	
SCALE: 1" = 3'	SHEET 11 OF 14 SHEETS
STA.	TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	61
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

LOCATION #12

N.E. QUADRANT

ELM STREET



LOCATION #12 - N.E. QUADRANT
FAS 1512 & ELM STREET

LOCATION	STATION	OFFSET
1	163+44.68	LT. 29.78
2	163+46.84	LT. 25.78
3	163+52.84	LT. 25.78
4	163+56.84	LT. 25.78
5	163+63.67	LT. 25.78
6	163+63.64	LT. 29.74
7	163+56.84	LT. 29.78
8	163+52.84	LT. 29.78
9	163+46.84	LT. 29.78

FAS 1512 / (US 150)

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.

MODEL: \\MODEL\MAME
 FILE: \\MAME\p\1512\paw_bendby.com\FW\DOT\Documents\DOT\Office\Dir\rdt_5\Project\1512\CAD\Drawings\CAD\Sheet\1512\22-sha-ADA_Ramp.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #12 (N.E. QUAD /ELM ST.)**

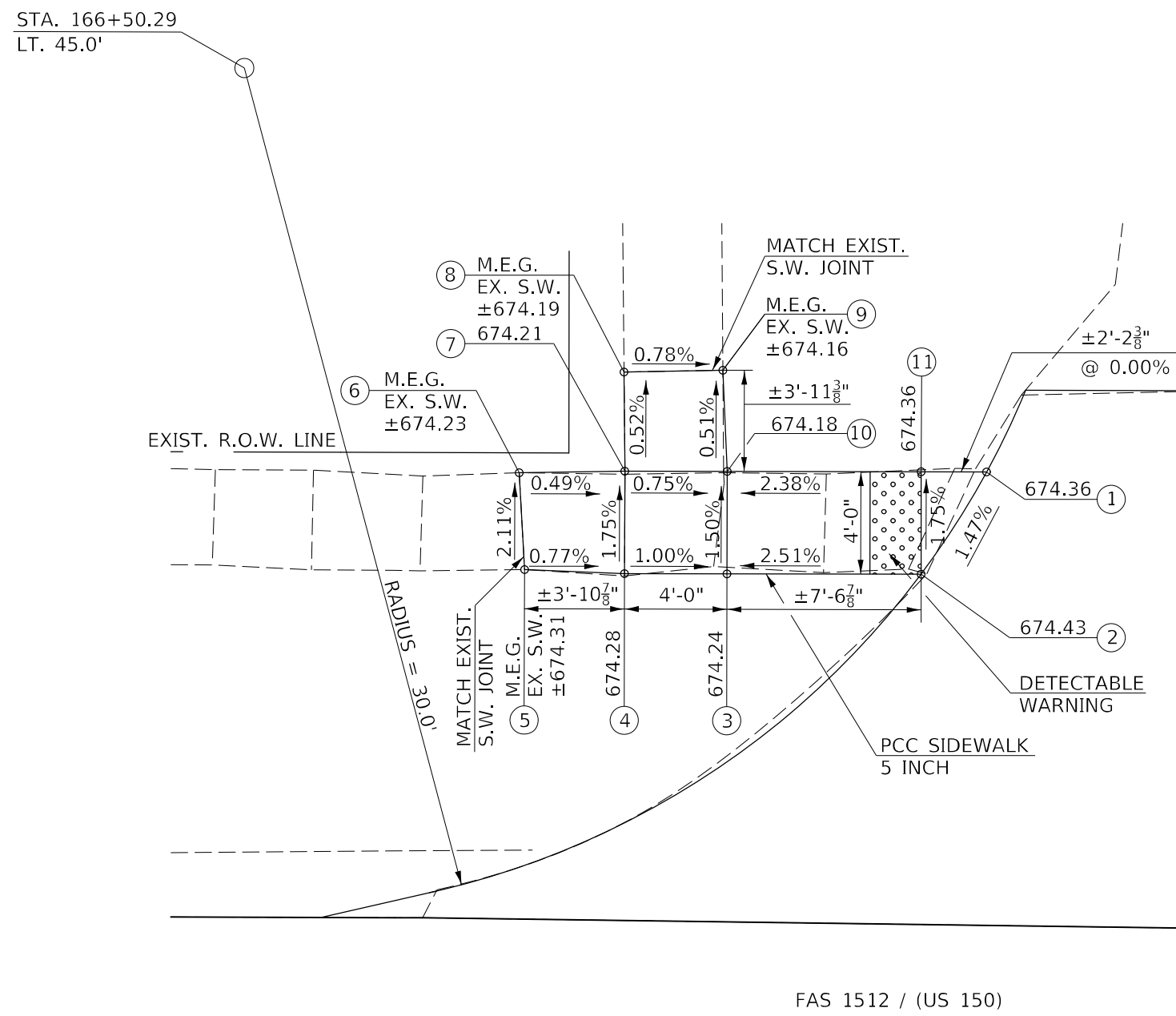
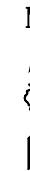
SCALE: 1" = 3' SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	62
				CONTRACT NO. 70C22
ILLINOIS FED. AID PROJECT				

LOCATION #13

N.W. QUADRANT

SYCAMORE STREET



SYCAMORE STREET

FAS 1512 / (US 150)

LOCATION #13 - N.W. QUADRANT
FAAS 1512 & SYCAMORE STREET

LOCATION	STATION	OFFSET
1	166+79.32	LT. 29.30
2	166+76.77	LT. 25.30
3	166+69.19	LT. 25.30
4	166+65.19	LT. 25.30
5	166+61.29	LT. 25.44
6	166+61.07	LT. 29.22
7	166+65.19	LT. 29.30
8	166+65.15	LT. 33.17
9	166+69.01	LT. 33.24
10	166+69.19	LT. 29.30
11	166+76.77	LT. 29.30

NOTES:

- M.E.G. = MATCH EXISTING GRADE
- 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.
- MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.

MODEL: I:\MODEL\MMF5
FILE: MMF5.dwg
PLOT DATE: 12/13/2021

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PEDESTRIAN RAMP DETAIL
LOCATION #13 (N.W. QUAD /SYCAMORE ST.)

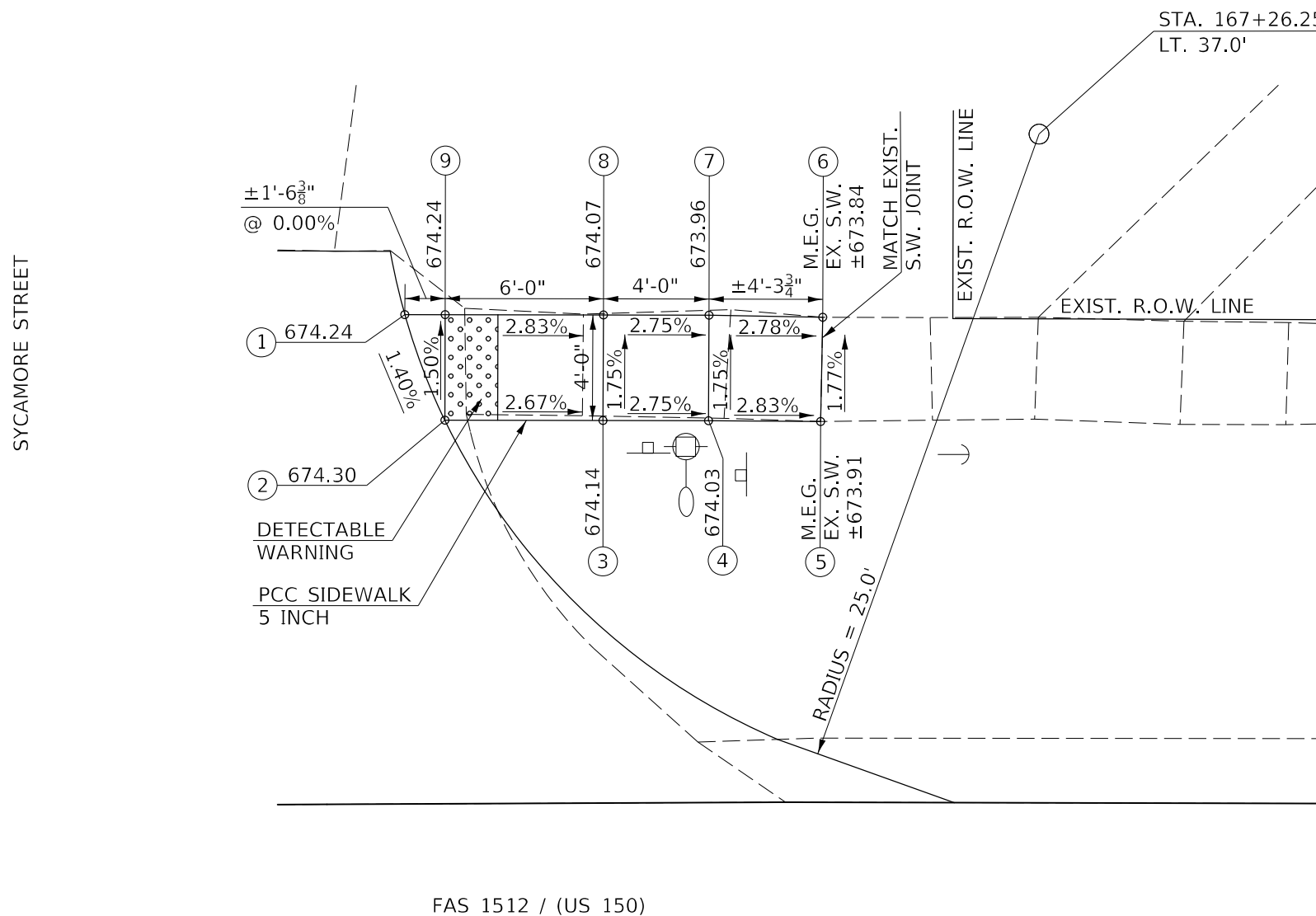
SCALE: 1" = 3' SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	63
			CONTRACT NO. 70C22	
			ILLINOIS FED. AID PROJECT	

LOCATION #14

N.W. QUADRANT

SYCAMORE STREET



LOCATION	STATION	OFFSET
1	167+02.22	LT. 30.10
2	167+03.75	LT. 26.10
3	167+09.75	LT. 26.10
4	167+13.75	LT. 26.10
5	167+17.99	LT. 26.08
6	167+18.07	LT. 30.04
7	167+13.75	LT. 30.10
8	167+09.75	LT. 30.10
9	167+03.75	LT. 30.10

NOTES:

- M.E.G. = MATCH EXISTING GRADE
- 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.
- MAX. ALLOWABLE RUNNING SLOPE OF RAMP = 1:12 (8.3%), SLOPE < 7% PREFERRED.
- MAX. ALLOWABLE RUNNING SLOPE OF TURNING SPACE = 1:50 (2%), SLOPE < 1.5% PREFERRED.
- MIN. ALLOWABLE WIDTH OF RAMP = 4'.
- MAX. ALLOWABLE CROSS SLOPE OF SIDEWALK OR LANDING = 1:50 (2%), SLOPE < 1.5% PREFERRED.

MODEL: I:\MODEL\MAME
 FILE: NAME: p:\pub\c-pa-beadby.com\PIV\DOT\Documents\DOT_Offices\Dir\dr: S:\Project\157022\CADD\1512\CADD\1512\CADD\1512\1512-ADA_Ramp.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 6,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PEDESTRIAN RAMP DETAIL
LOCATION #14 (N.E. QUAD /SYCAMORE ST.)**

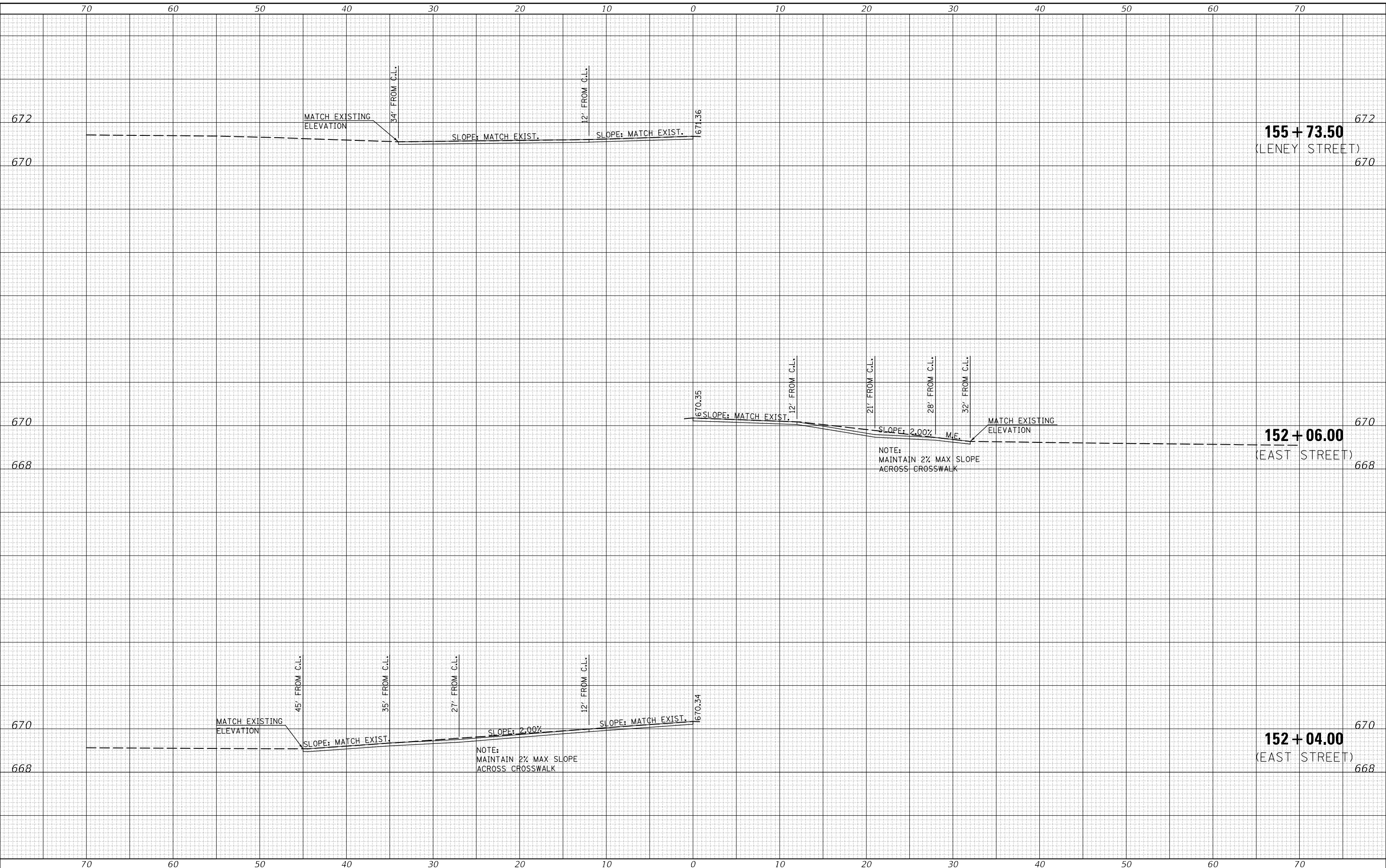
SCALE: 1" = 3' SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	64
				CONTRACT NO. 70C22
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

MODEL: \$MODELNAME\$
FILE NAME: d:\illinois\pww\central\pww\DOT\Documents\1512\1512-5&(1Y,1YX,1X)RS-2\CAD\Drawn\CAD\sheet0570C22-sh-cx-S-ramps



USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

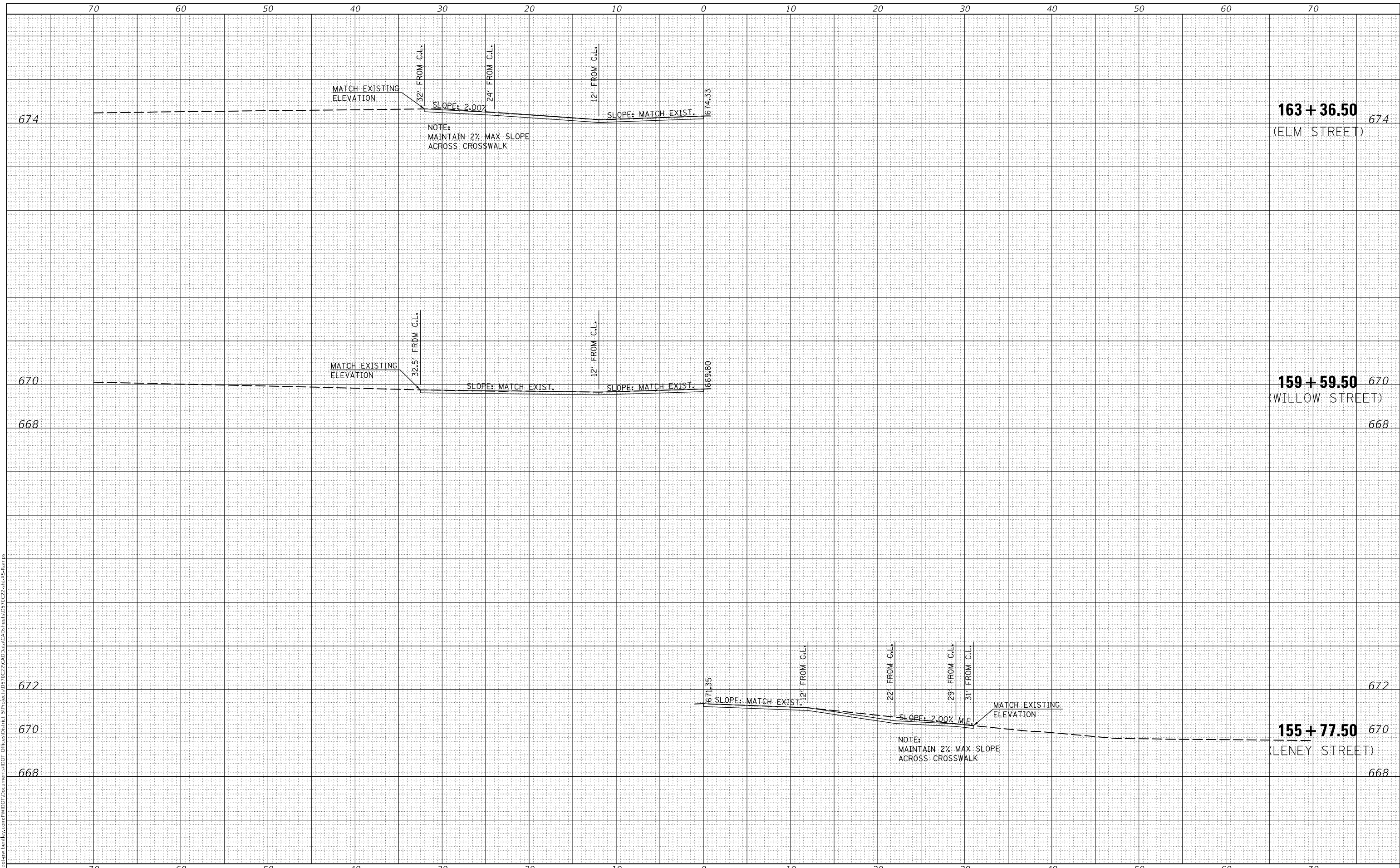
SIDEROAD CROSS SECTIONS FOR ADA PEDESTRIAN RAMP CONSTRUCTION	
SCALE:	SHEET 1 OF 3 SHEETS STA. 152+04.00 TO STA. 155+73.50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	65
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

MODEL: \$MODELNAME\$
 FILE NAME: \\sullivan-cw-bentley.com\PIV\DOT Documents\70C22\CAD\Draw\CAD\Sheet0570C22-sh-cx-S-ramps



USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

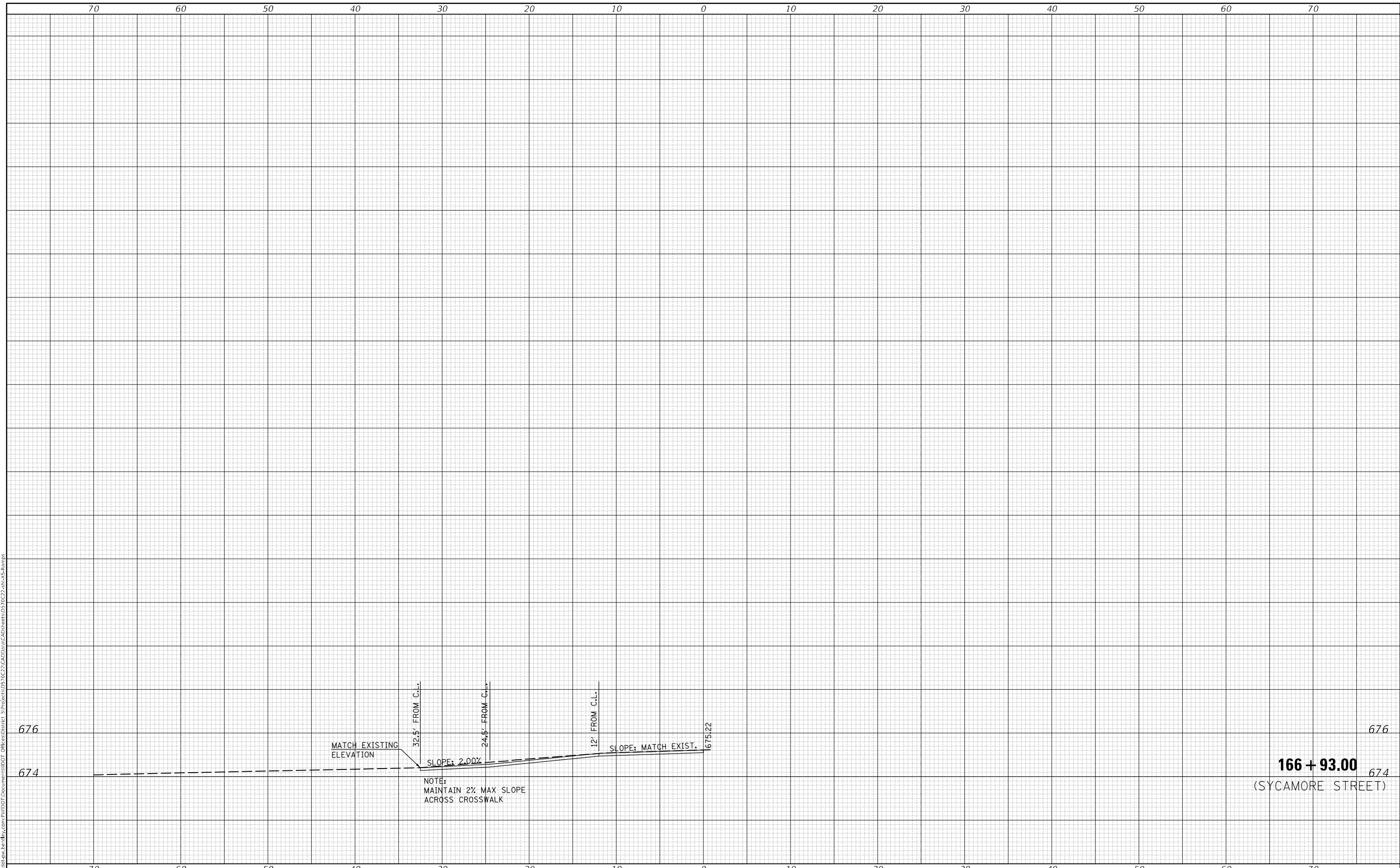
SIDEROAD CROSS SECTIONS FOR ADA PEDESTRIAN RAMP CONSTRUCTION	
SCALE:	SHEET 2 OF 3 SHEETS
STA. 155+77.50 TO STA. 163+36.50	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2R5-5&(1Y,1YX,1X)R5-2	CHAMPAIGN	82	66
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

MODEL: \$MODELNAME\$
 FILE NAME: d:\illinois\pww\ben\ben\com\pww\DOT Documents\1021\DOT\1021\CAD\Draw\CADsheets\0570C22-sh-cx-s-stamps



USER NAME = eaglinga	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET 3 OF 3 SHEETS	STA. 166+93.00 TO STA. 166+93.00
--------	---------------------	----------------------------------

**SIDEROAD CROSS SECTIONS FOR
 ADA PEDESTRIAN RAMP CONSTRUCTION**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	67
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

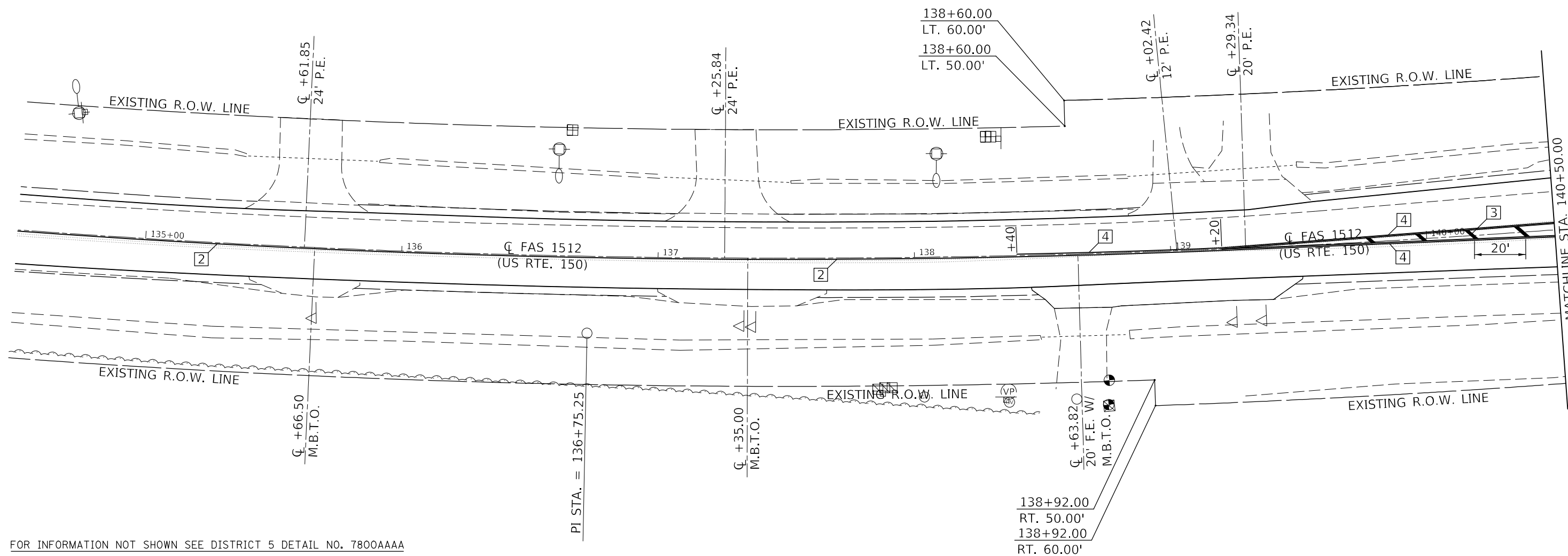
166 + 93.00
 (SYCAMORE STREET)

EXIST. CURVE US150ALL_34
 PI STA. = 136+75.25
 $\Delta = 13^\circ 50' 49''$ (LT)
 $D = 1^\circ 24' 09''$
 $R = 4,085.51'$
 $T = 496.10'$
 $L = 987.37'$
 $E = 30.01'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 P.C. STA. = 131+79.15
 P.T. STA. = 141+66.52

INTERSECTION PAVEMENT MARKING DETAIL

US RTE. 150 & IL RTE. 49

SEC. 8, T.19N., R.14W., 2ND P.M.



FOR INFORMATION NOT SHOWN SEE DISTRICT 5 DETAIL NO. 7800AAAA

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

SEC. 17, T.19N., R.14W., 2ND P.M.

MODEL: I:\MODEL\MAI\FE
 FILE: MAI\FE_Plan\US150ALL_34.dwg
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CADD\Sheet\70C22-Sub-Striping.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISOR -
PLOT DATE = 12/13/2021	DATE -	REVISOR -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INTERSECTION PAVEMENT MARKING DETAIL
 US RTE. 150 & IL RTE. 49

SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 134+50.00 TO STA. 140+50.00

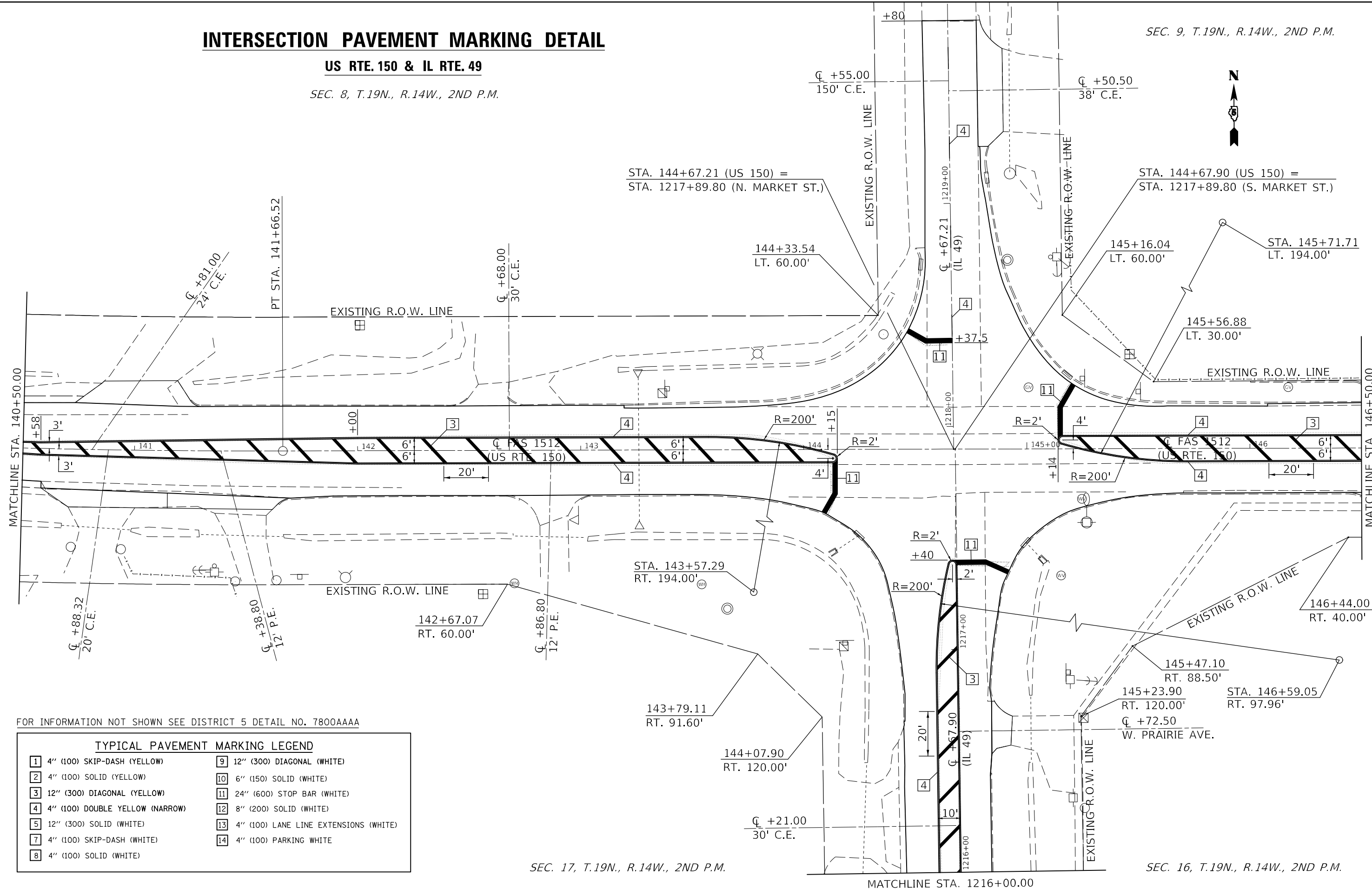
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	47
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

INTERSECTION PAVEMENT MARKING DETAIL

US RTE. 150 & IL RTE. 49

SEC. 8, T.19N., R.14W., 2ND P.M.

SEC. 9, T.19N., R.14W., 2ND P.M.



FOR INFORMATION NOT SHOWN SEE DISTRICT 5 DETAIL NO. 7800AAAA

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

SEC. 17, T.19N., R.14W., 2ND P.M.

SEC. 16, T.19N., R.14W., 2ND P.M.

MODEL: I:\MODEL MARKS
 FILE: MARKS_PAVEMENT.dwg
 PROJECT: I:\PROJECTS\70C22\CADD\DATA\CADD\70C22.dwg
 SHEET: 70C22-INT-STRIP.dwg

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

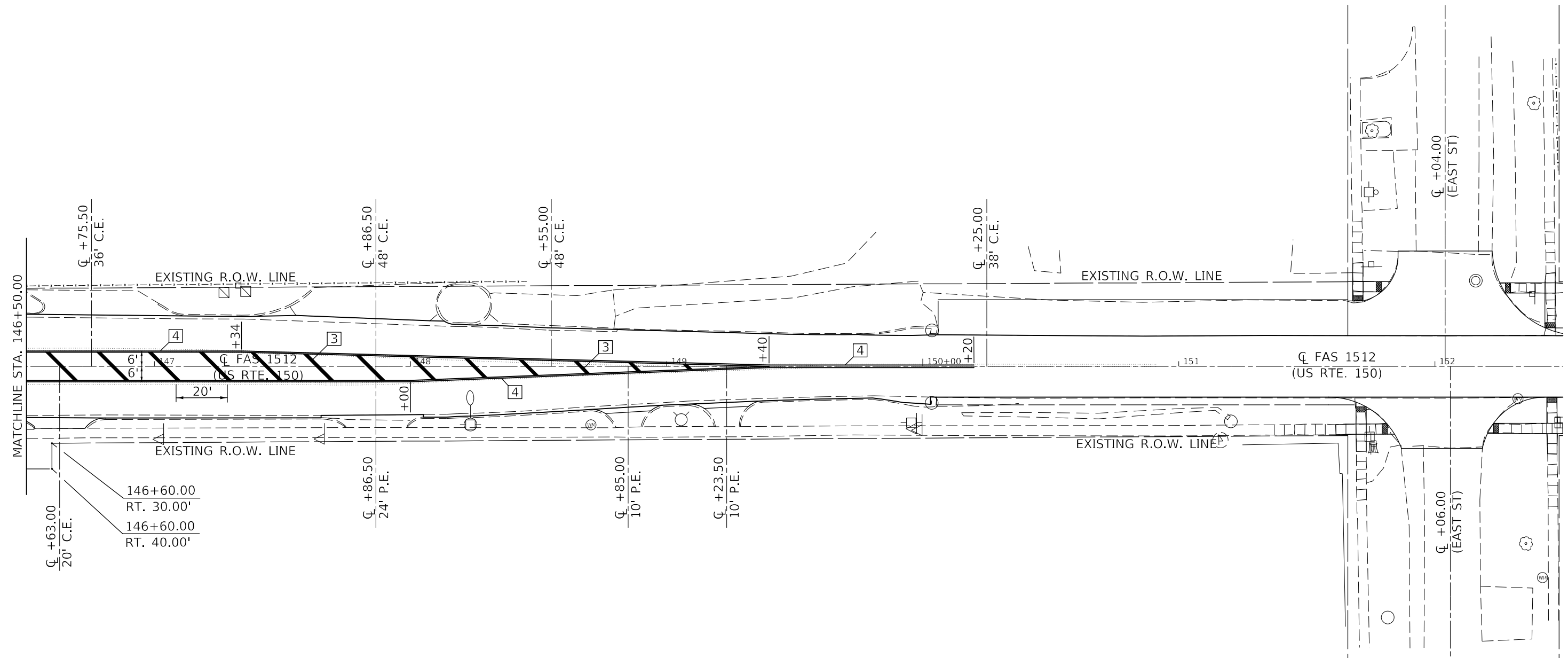
INTERSECTION PAVEMENT MARKING DETAIL			
US RTE. 150 & IL RTE. 49			
SCALE: 1" = 20'	SHEET 2	OF 4 SHEETS	STA. 140+50.00 TO STA. 146+50.00

F.A.S. RTE. 1512	SECTION 2RS-5&(1Y,1YX,1X)RS-2	COUNTY CHAMPAIGN	TOTAL SHEETS 82	SHEET NO. 48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70C22	

INTERSECTION PAVEMENT MARKING DETAIL

US RTE. 150 & IL RTE. 49

SEC. 9, T.19N., R.14W., 2ND P.M.



FOR INFORMATION NOT SHOWN SEE DISTRICT 5 DETAIL NO. 7800AAAA

TYPICAL PAVEMENT MARKING LEGEND

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

SEC. 16, T.19N., R.14W., 2ND P.M.

MODEL: I:\MODEL\MARKS
FILE: MARKS_PAVEMENT.dwg
PROJECT: I:\PROJECTS\70C22\CAD\DATA\CAD\Sheets\70C22-Sub-Strip.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PAVEMENT MARKING DETAIL US RTE. 150 & IL RTE. 49			
SCALE: 1" = 20'	SHEET 3	OF 4 SHEETS	STA. 146+50.00 TO STA. 152+50.00

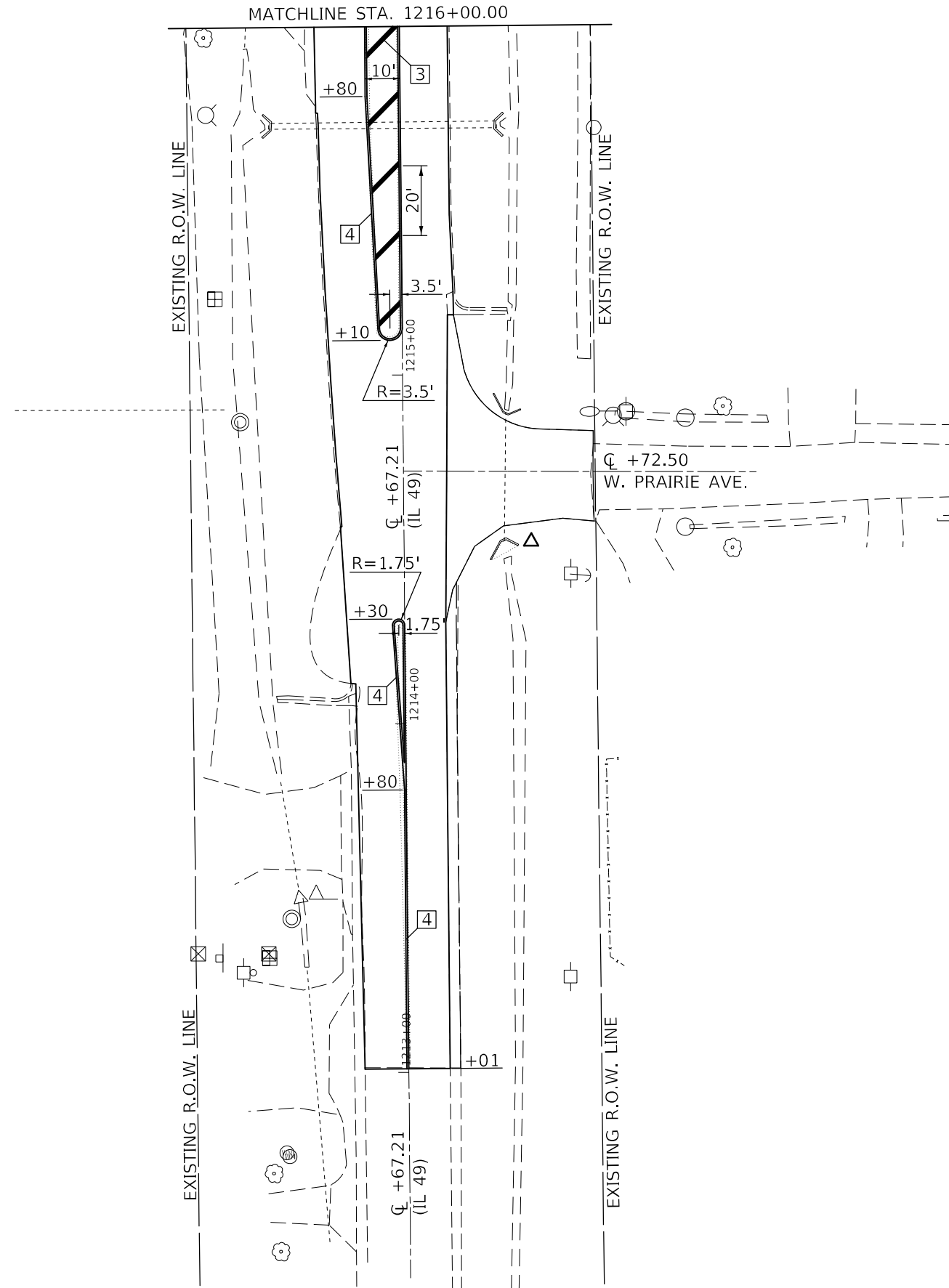
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	49
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

INTERSECTION PAVEMENT MARKING DETAIL

US RTE. 150 & IL RTE. 49

SEC. 17, T.19N., R.14W., 2ND P.M.

SEC. 16, T.19N., R.14W., 2ND P.M.



FOR INFORMATION NOT SHOWN SEE DISTRICT 5 DETAIL NO. 7800AAAA

TYPICAL PAVEMENT MARKING LEGEND

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

MODEL: \\MODEL\MAR\FE
 FILE: MAR\FE_Plan\112422.dwg
 PROJECT: \\PROJECT\DOT\Office\District 5\Project\112422\CADD\112422\CAD\Sheet\112422-415-Striping.dgn

USER NAME = eaglinga	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -	
PLOT DATE = 12/13/2021	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

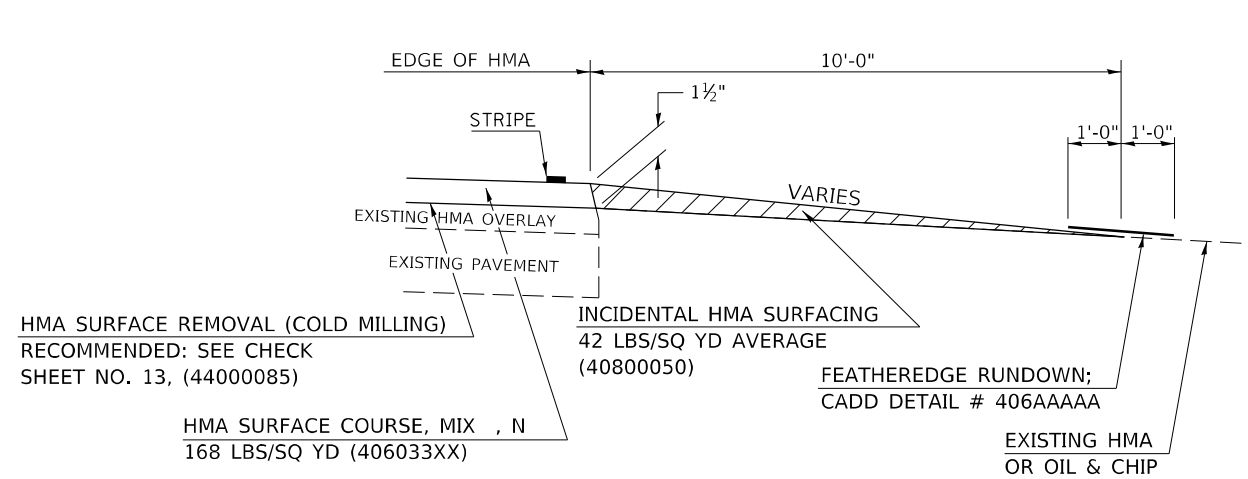
**INTERSECTION PAVEMENT MARKING DETAIL
US RTE. 150 & IL RTE. 49**

SCALE: 1" = 20' SHEET 4 OF 4 SHEETS STA. 1212+50.00 TO STA. 1216+00.00

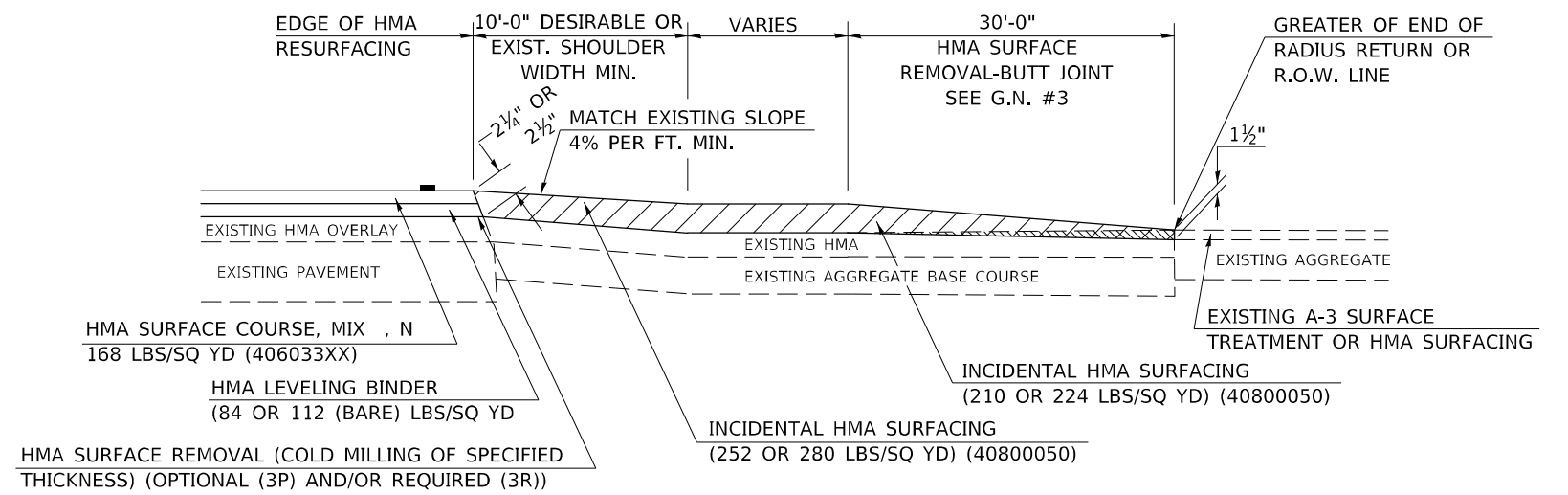
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	50
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (ALSO CONTRACT MAINTENANCE)



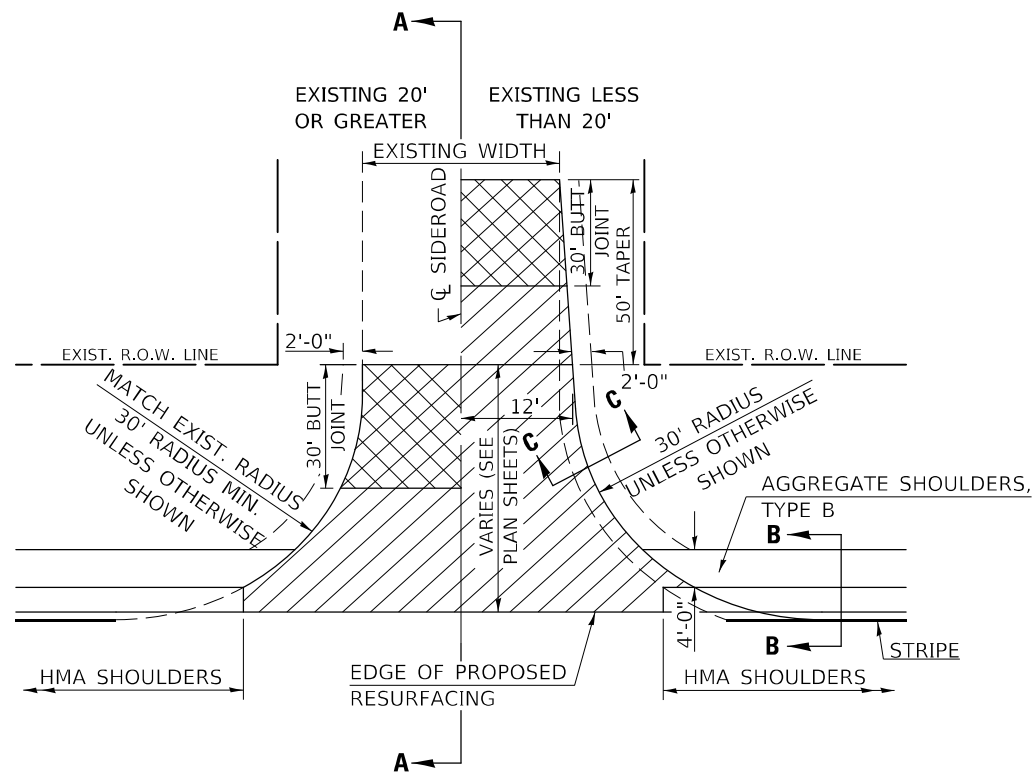
"3P" OR "3R" IMPROVEMENTS



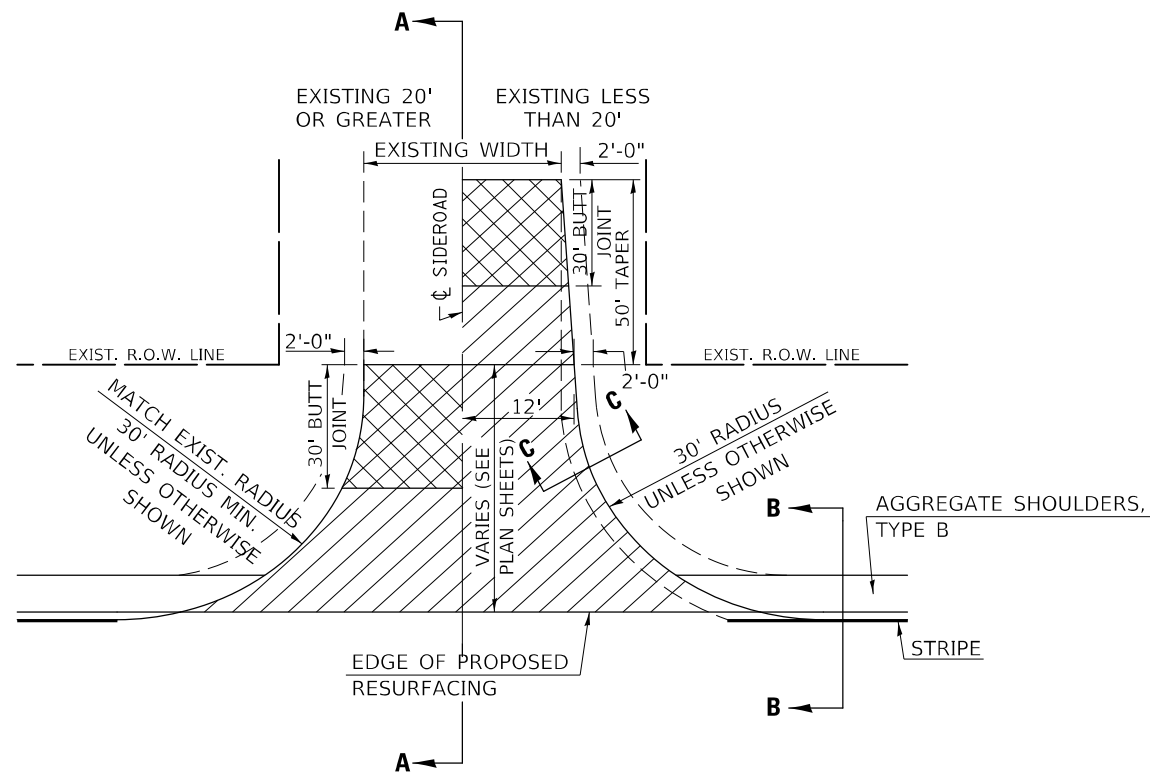
PROJECTS WITH RECONSTRUCTION

("3R" IMPROVEMENTS)

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

USER NAME = eaglinga	DESIGNED -	REVISOR -	DATE -
	DRAWN -	REVISOR -	DATE -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISOR -	DATE -
PLOT DATE = 12/13/2021	DATE -	REVISOR -	DATE -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

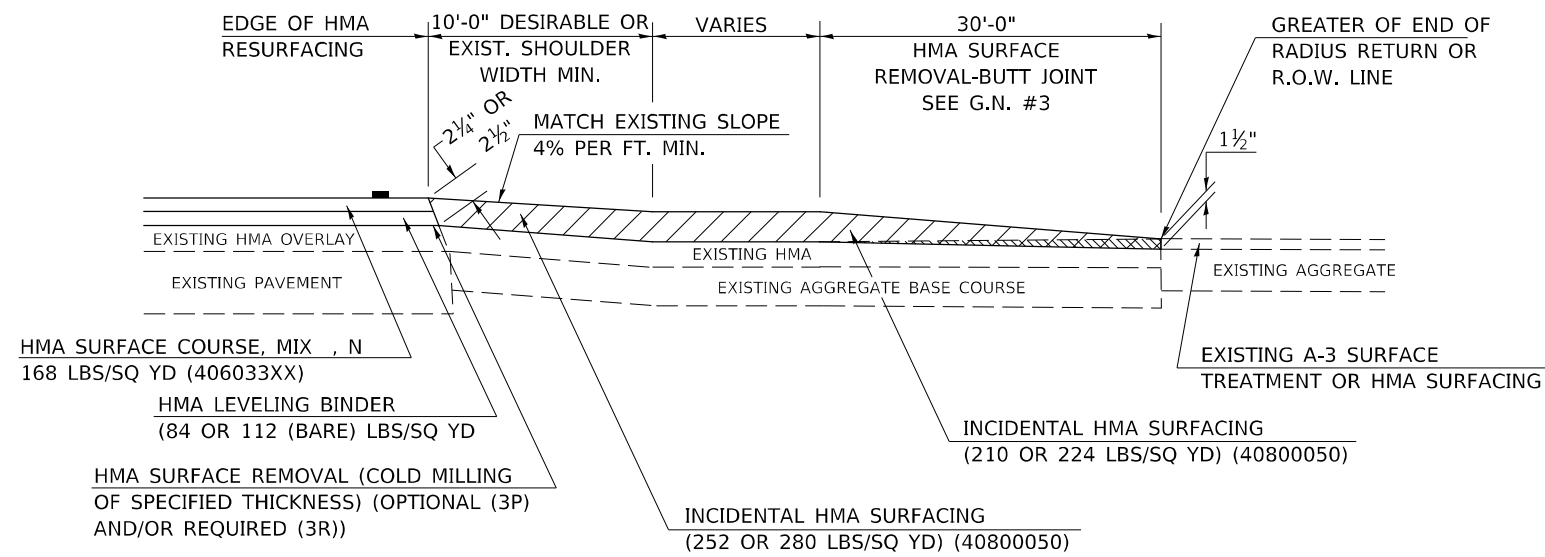
SIDEROAD & SIDESTREETS (RURAL)

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

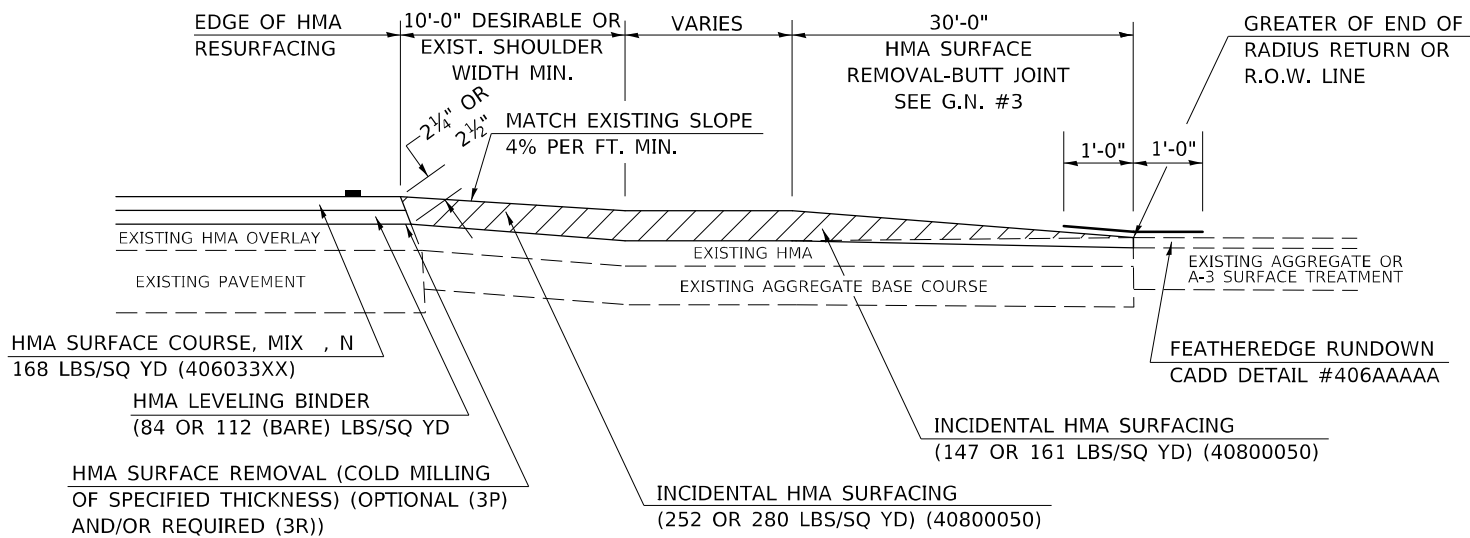
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	68
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

MODEL: I:\MODEL\MMF\...
FILE: MMF...
PROJECT: I:\PROJECT\...
DRAWING: I:\DRAWING\...

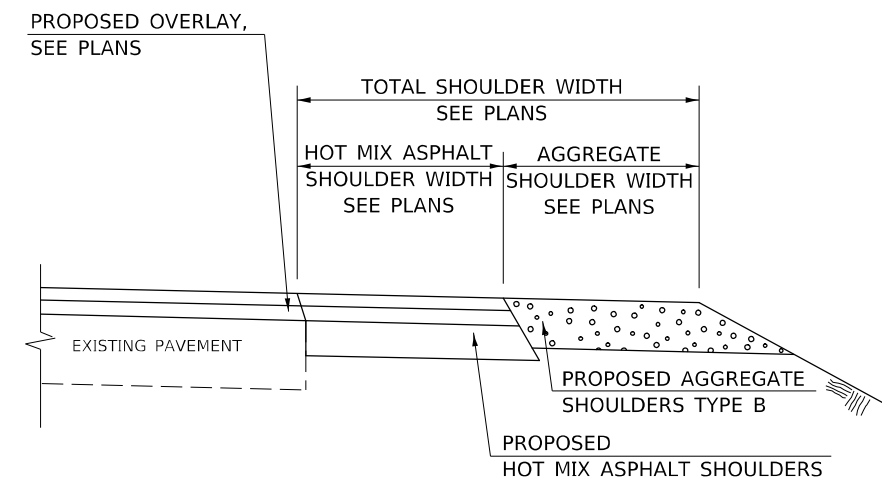
**SECTION A-A
EXISTING HMA OR PCC SIDEROAD (> 400 ADT)**



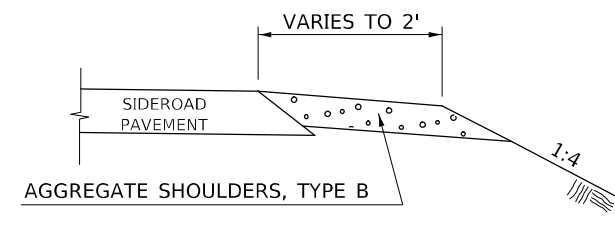
**SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (< 400 ADT)**



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



**SECTION B-B
MAINLINE SHOULDER TREATMENT**



**SECTION C-C
SIDEROAD SHOULDER TREATMENT**

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

DISTRICT 5 DETAIL NO. 408000AA

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD & SIDESTREETS (RURAL)

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	69
CONTRACT NO. 70C22				

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

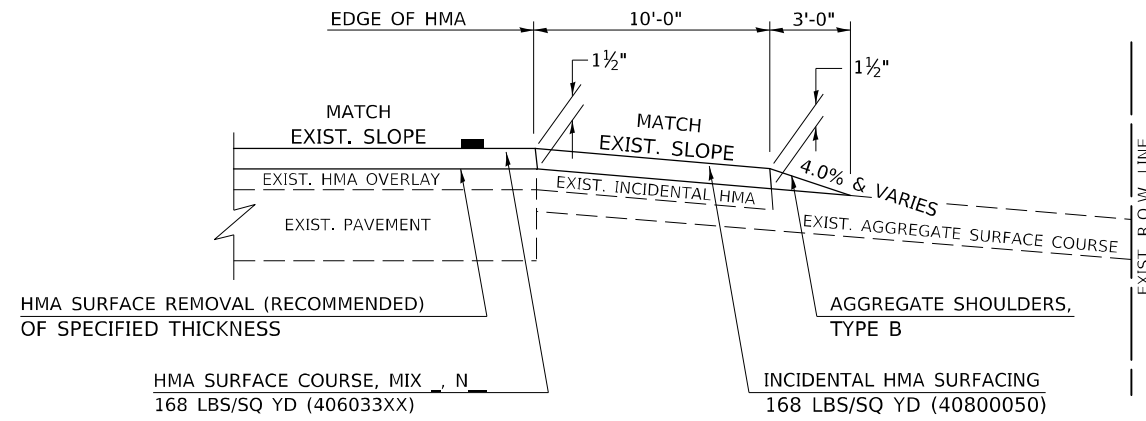
ILLINOIS FED. AID PROJECT

MODEL: I:\MODEL\MMFE FILE: MMFE_Plan\SubC-Pav.bentley.com\PIV\DOT\Documents\DOT Office\Dir\dr. S:\Project\10570C22\CAD\Drawings\CADD\Sheet\10570C22-shc-dtbls.dgn

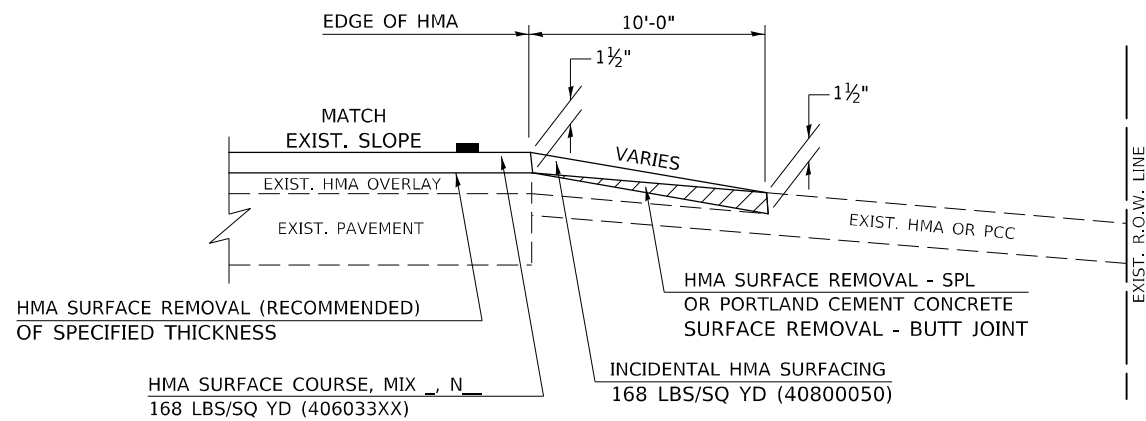
USER NAME = eaglinga	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 12/13/2021	DATE -	REVISD -

PROJECTS WITHOUT RECONSTRUCTION

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

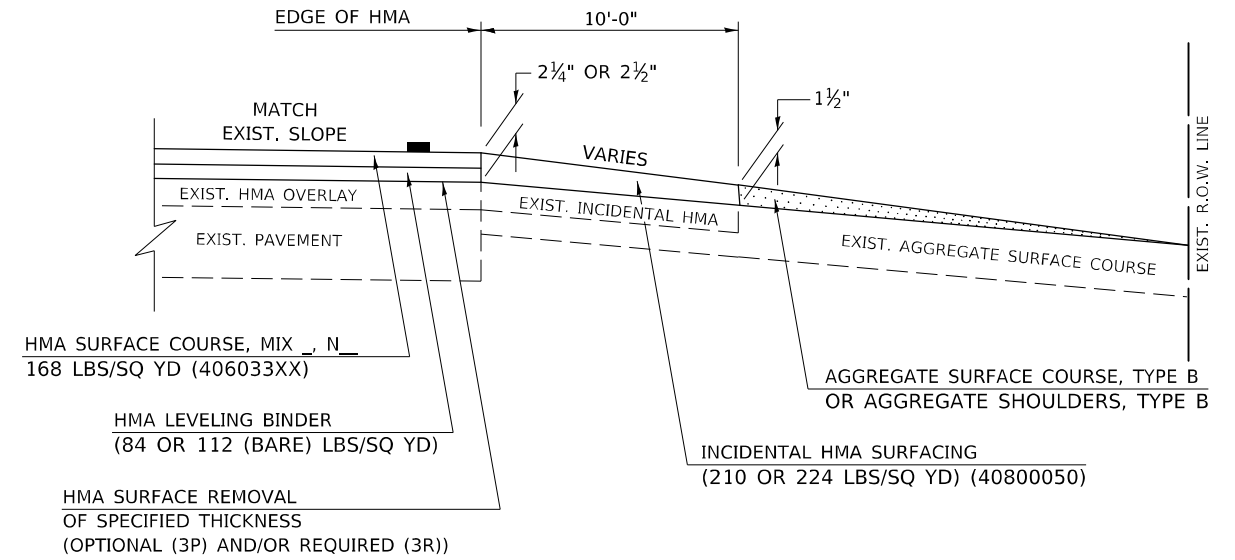


EXISTING AGGREGATE ENTRANCE

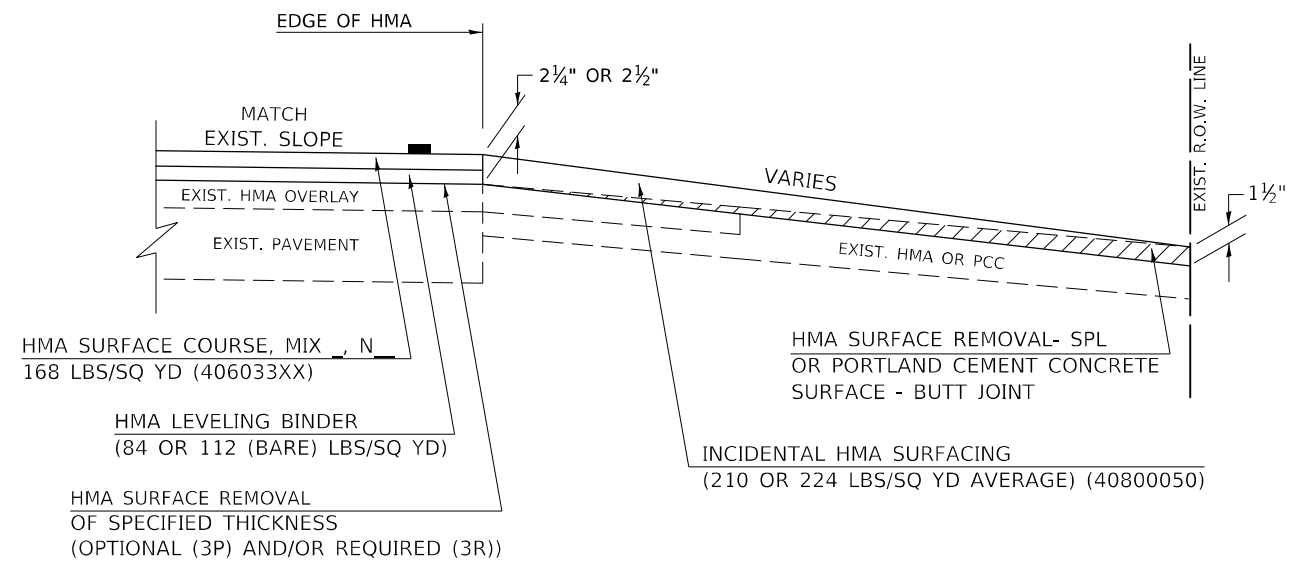


EXISTING HMA OR PCC ENTRANCE

"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.

MODEL: I:\MODEL\MHMF... FILE: MHMF... PROJECT: I:\PROJECTS\DOT OFFICES\Dirlet... SHEET: 70C22-4H-dtbls.dwg

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 = 12/13/2021	DATE -	REVISED - 3/6/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

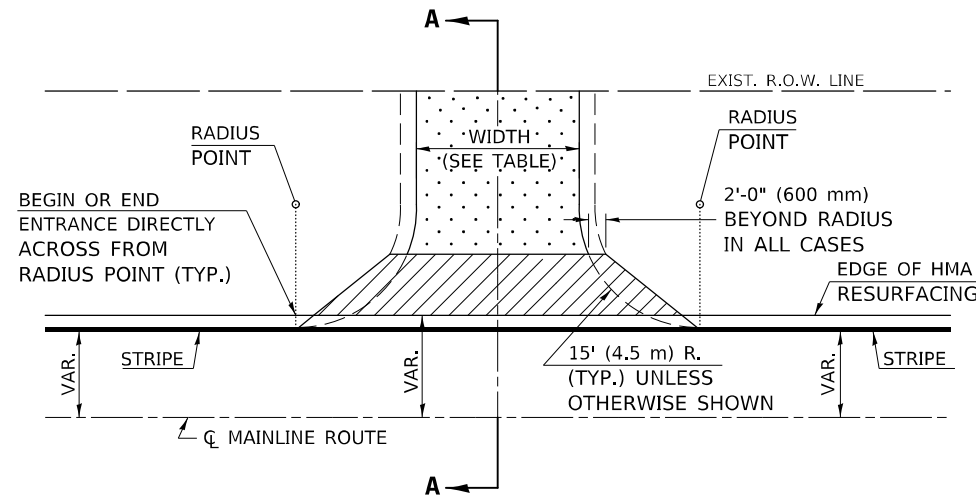
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 40800050C				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	70
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

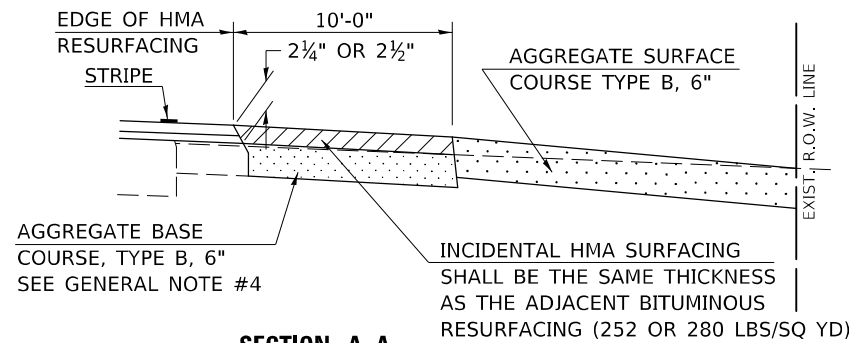
PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE

(3R IMPROVEMENTS)

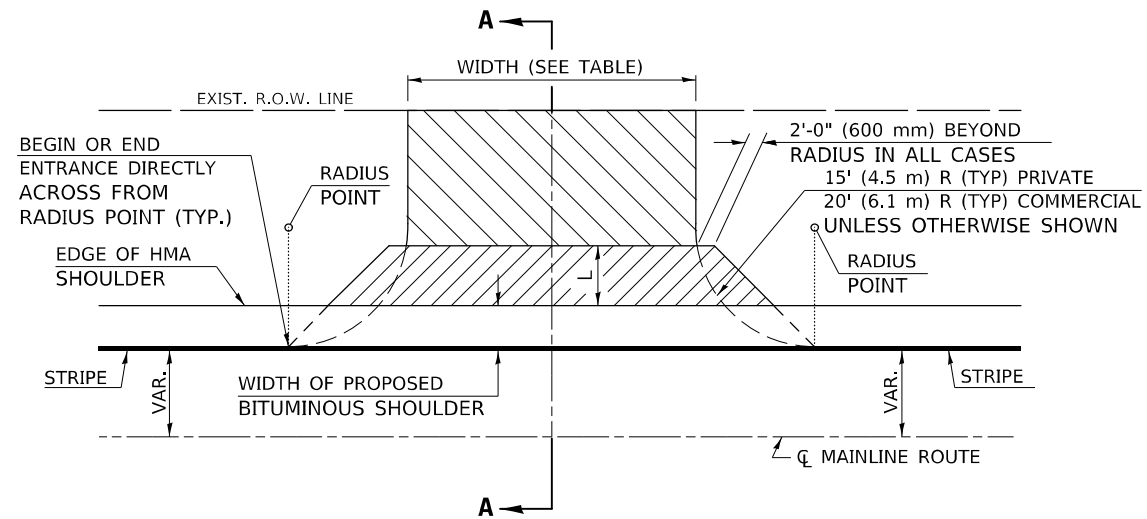


TYPICAL APPLICATION

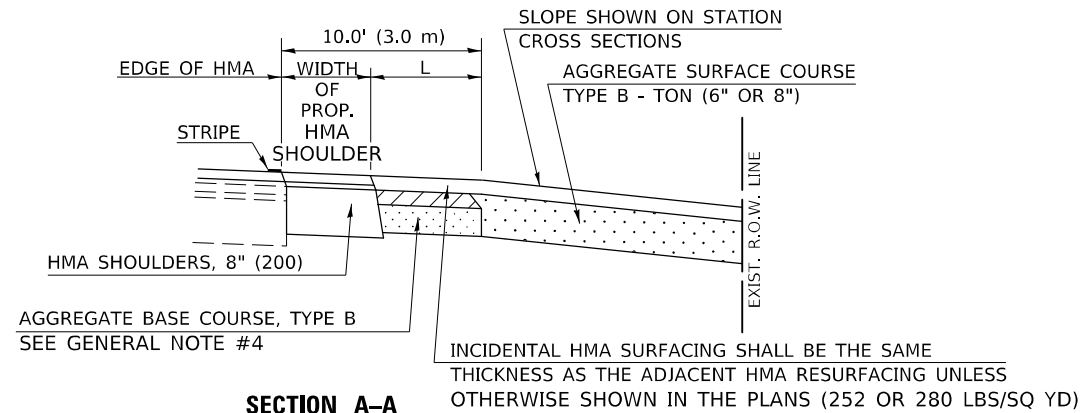


SECTION A-A

HMA OR PCC ENTRANCE



TYPICAL APPLICATION



SECTION A-A
"HMA EXAMPLE"

GENERAL NOTES

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

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

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

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)

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

DISTRICT 5 DETAIL NO. 40800050C

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 = 12/13/2021	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

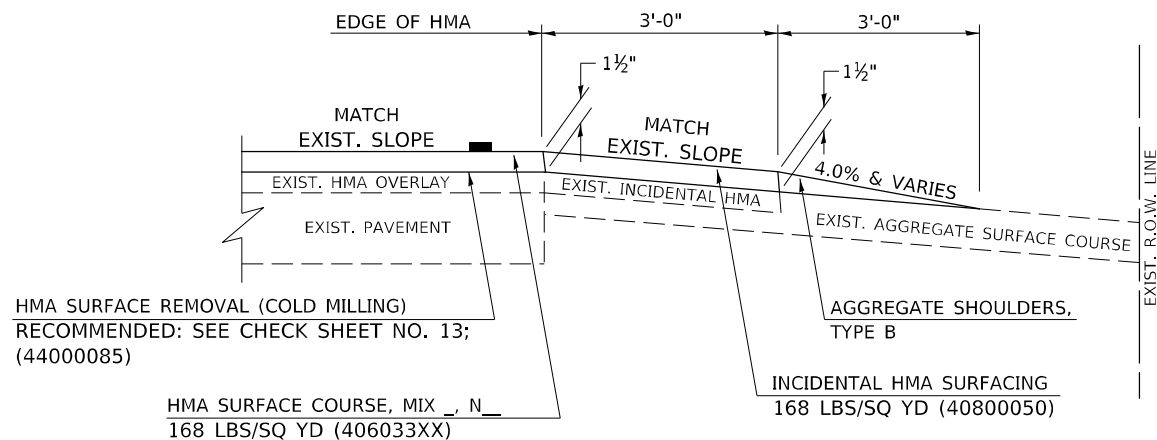
PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)

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

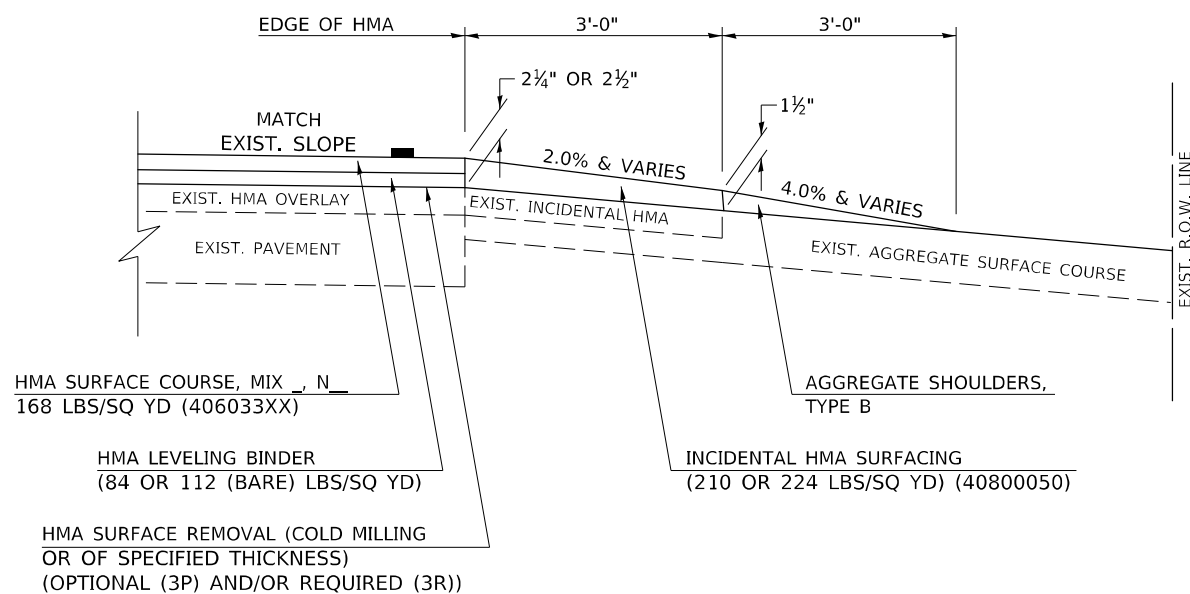
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	71
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

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

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

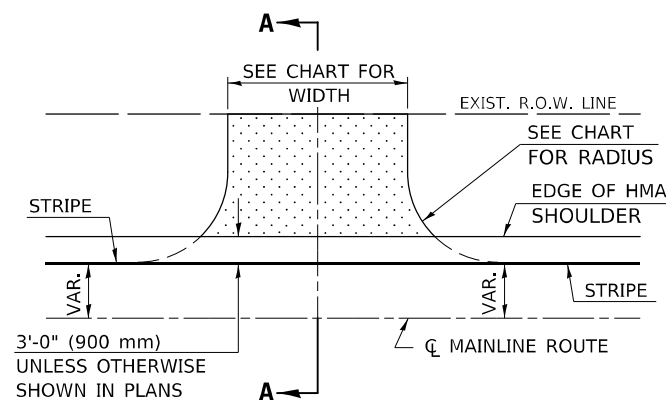


"3P" OR "3R" IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



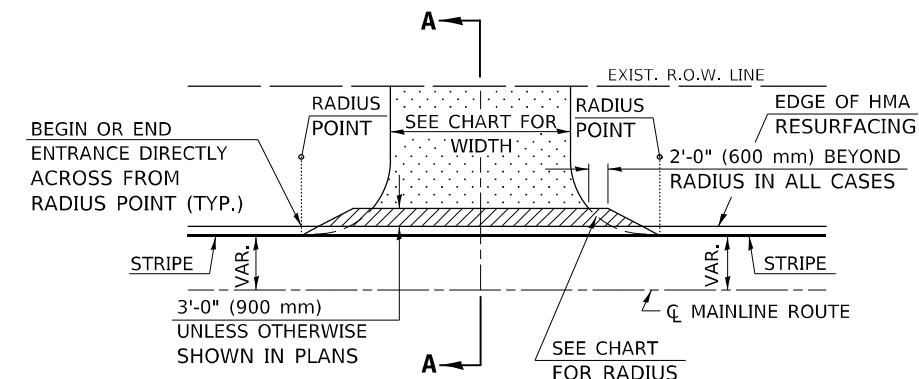
PROJECTS WITH RECONSTRUCTION
 ("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)

ADJACENT TO PROPOSED HMA SHOULDERS
 (AGGREGATE OR EARTH ENTRANCE)

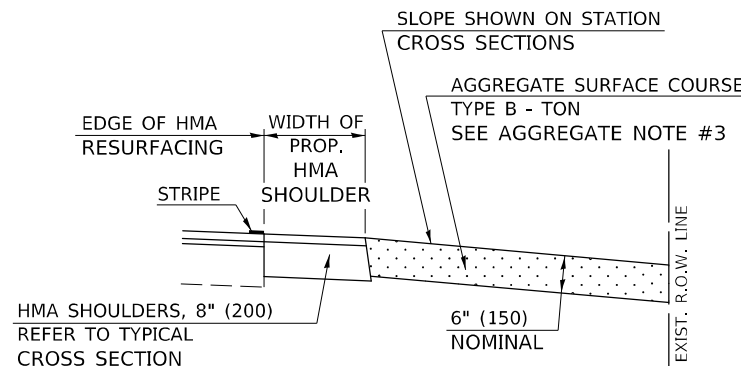


TYPICAL APPLICATION

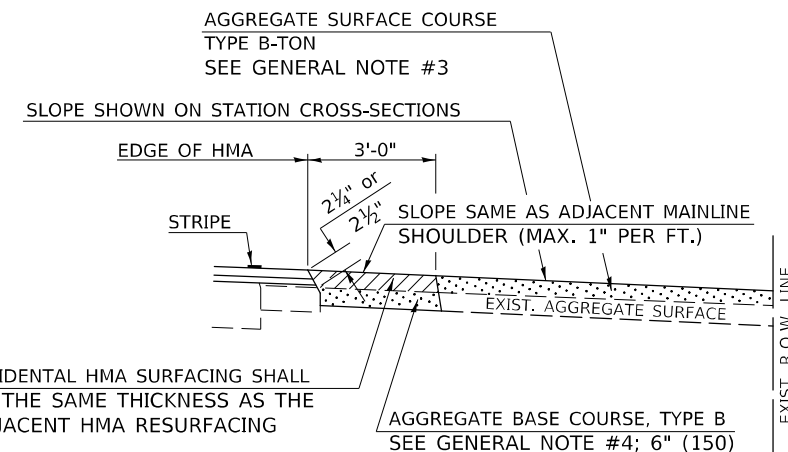
EXISTING AGGREGATE OR EARTH ENTRANCE



TYPICAL APPLICATION



SECTION A-A



SECTION A-A

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

DESIGNER NOTE: SEE PLAN PREPARATION MEMORANDUM 40-09

MODEL: I:\MODEL\MMF5
 FILE: MMF5.dwg
 PROJECT: I:\PROJECTS\70C22\70C22\70C22.dwg
 SHEET: 70C22-5-40800050A

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 = 12/13/2021	DATE -	REVISED - 3/16/17 SWN

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

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

DISTRICT 5 DETAIL NO. 40800050A

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	72
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

DESIGNER NOTE: SEE PLAN PREPARATION MEMORANDUM 40-09

MODEL: \\MODEL\MNMF5
FILE: \\MAILS_PUB\Public\paw_bentley.com\PIV\DOT\Documents\DOT_Offices\Dir\drf: S:\Project\10570C22\CAD\Drawings\CAD\Sheet\0570C22-sh-entrals.dwg

GENERAL NOTES

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

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

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

DISTRICT 5 DETAIL NO. 4080050A

USER NAME = eaglinga	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 04/08 KJT
PLOT DATE = 12/13/2021	DATE -	REVISD - 3/16/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

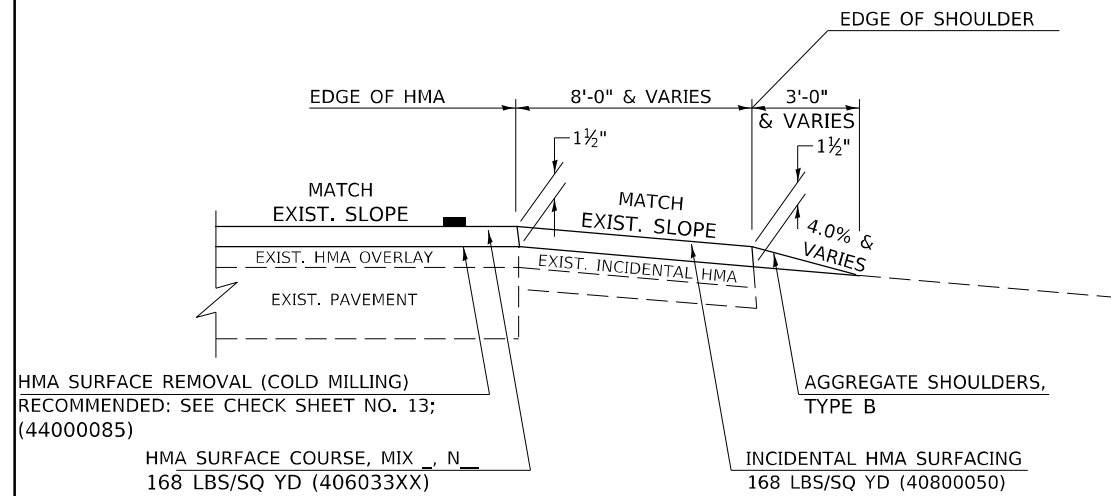
FIELD ENTRANCES (NONCOMMERCIAL RURAL)

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

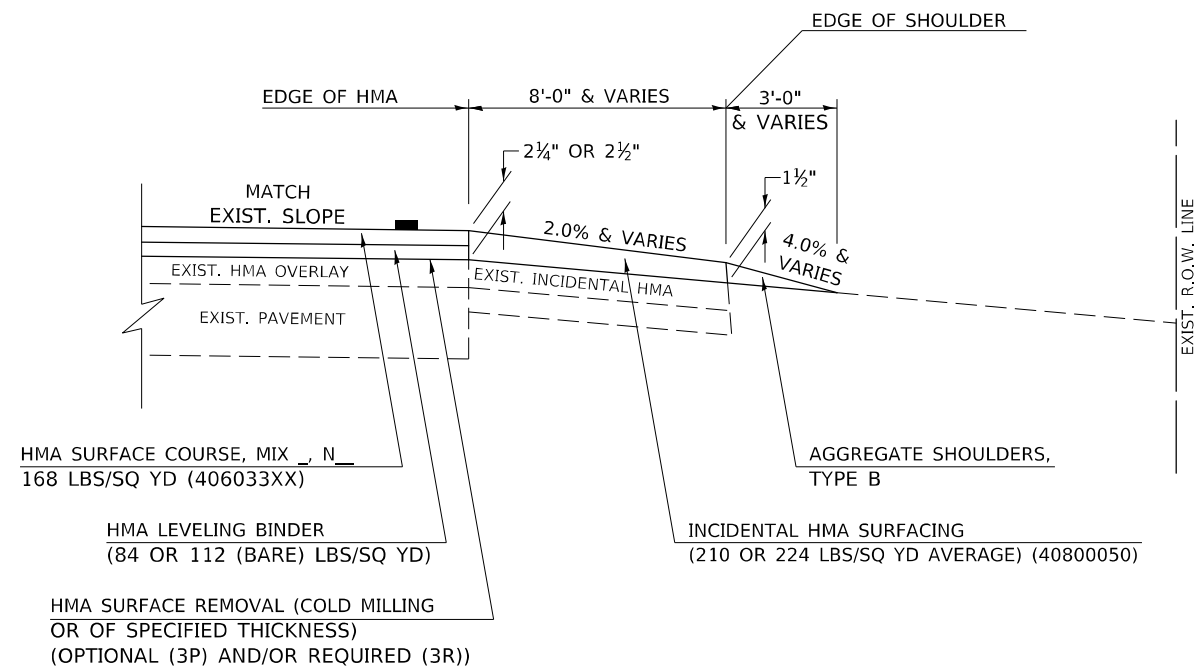
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	73
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

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



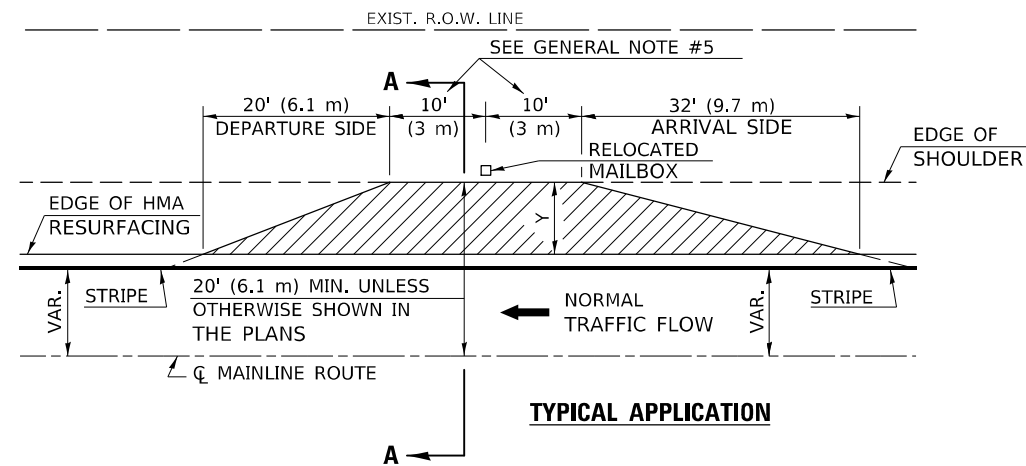
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



GENERAL NOTES

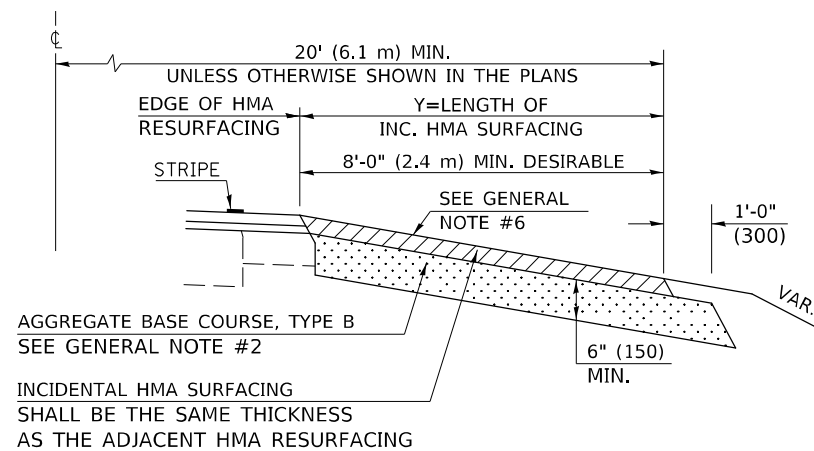
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY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

PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)

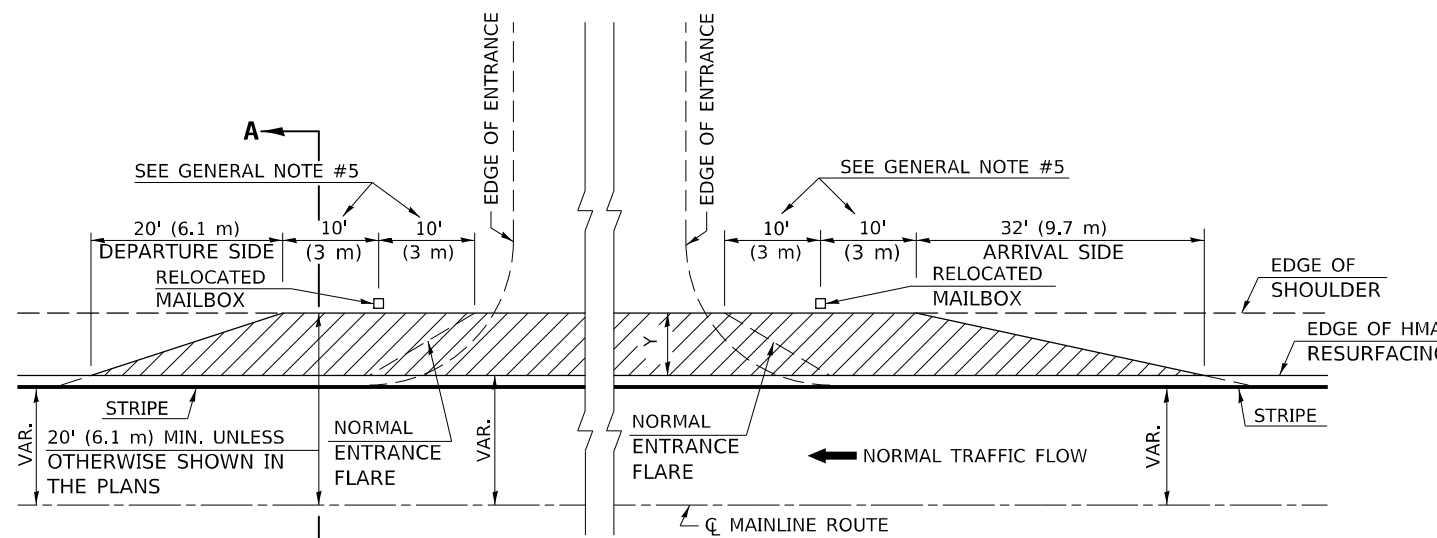


TYPICAL APPLICATION

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



SECTION A-A



TYPICAL MAILBOX TURNOUT PLACEMENT
ADJACENT TO ENTRANCE

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

MODEL: I:\MODEL\MHMF
FILE: MAILBOX_TURNOUT_DETAIL.dwg
PROJECT: I:\PROJECTS\70C22\CAD\MAILBOX_TURNOUT_DETAIL.dwg
DATE: 12/13/2021

USER NAME = eaglinga	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD -
PLOT DATE = 12/13/2021	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUT (RURAL)

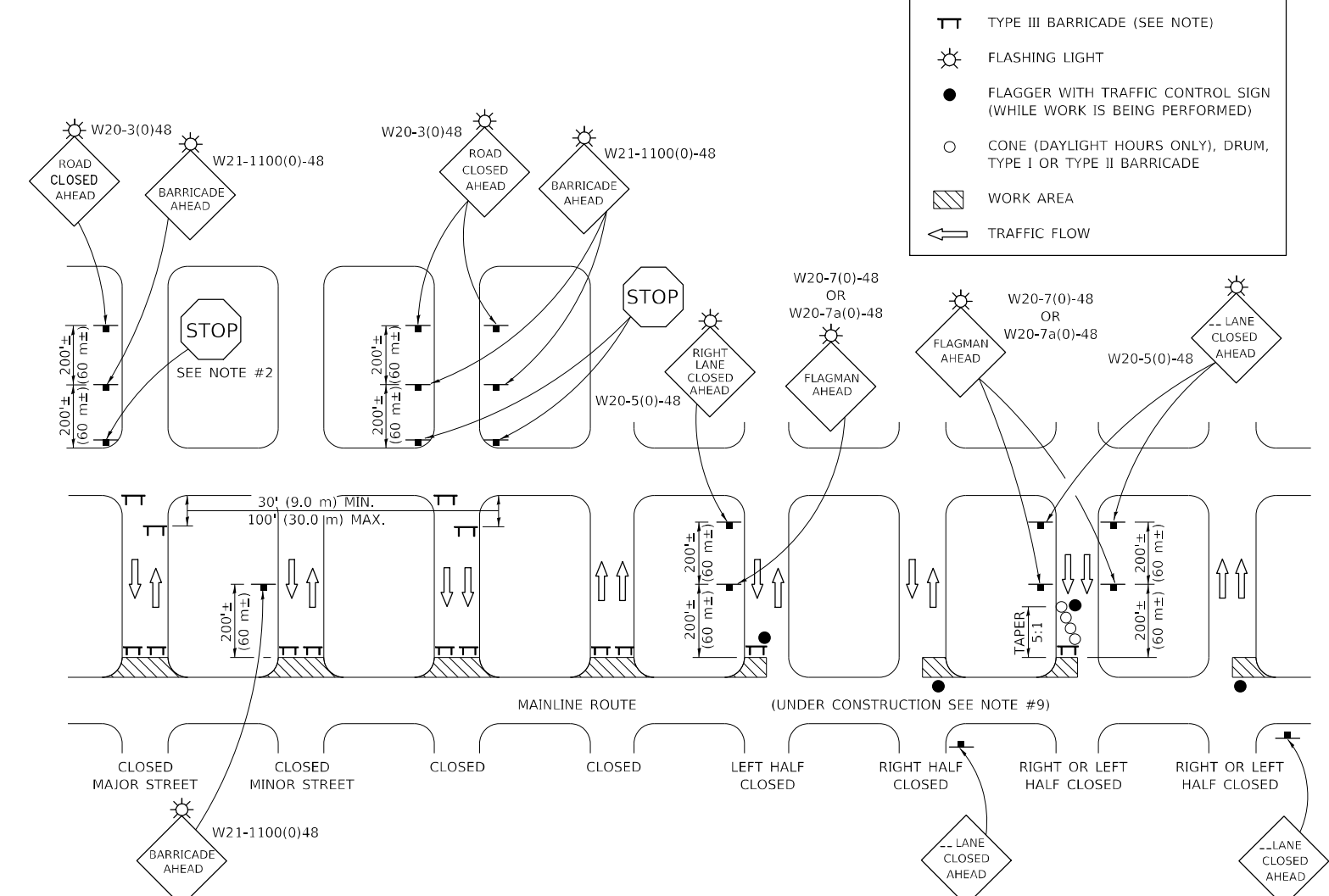
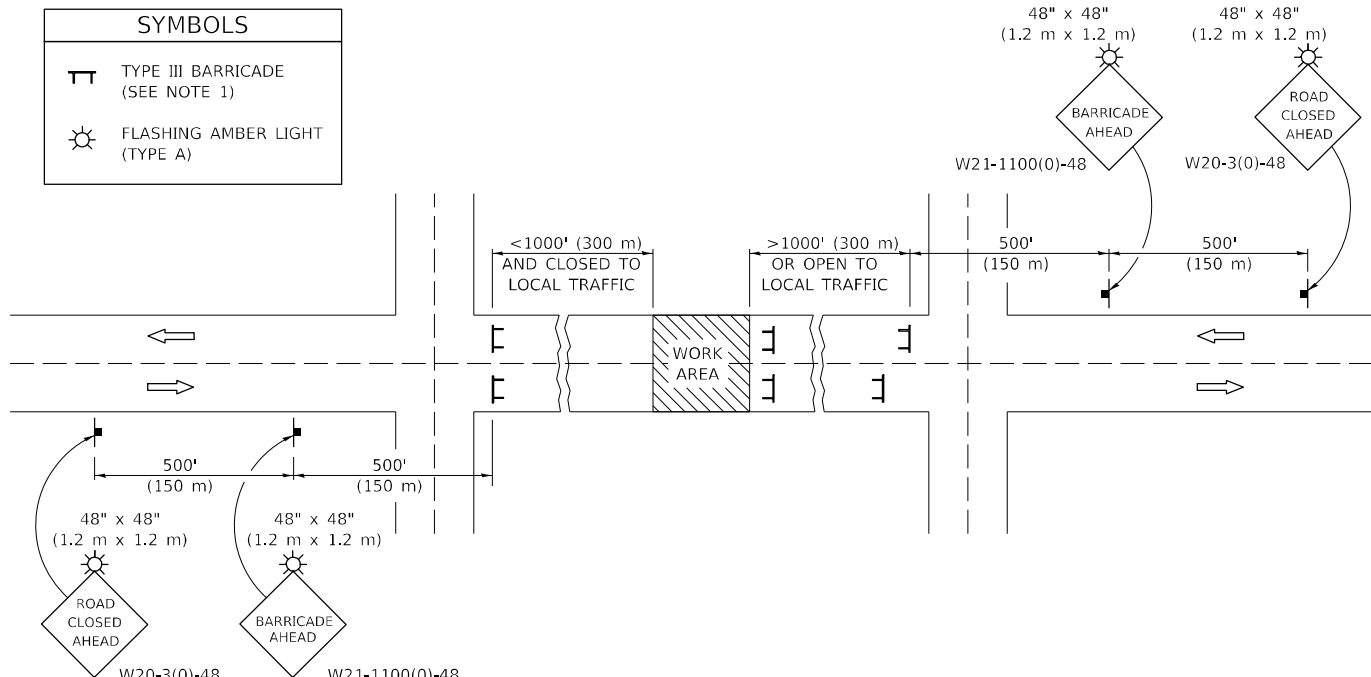
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 40800050B

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	74
CONTRACT NO. 70C22			ILLINOIS FED. AID PROJECT	

ROAD CLOSURE

SIDEROAD / STREET CLOSURE



SYMBOLS	
	TYPE III BARRICADE (SEE NOTE 1)
	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 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:\MODEL\MHFE... FILE: MHFE... PROJECT: D570C22\CAD\DATA\CAD\Sheet\0570C22-ahc-dtbls.dgn

USER NAME = eaglinga	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 12/07
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 09/09 KJT
PLOT DATE = 12/13/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

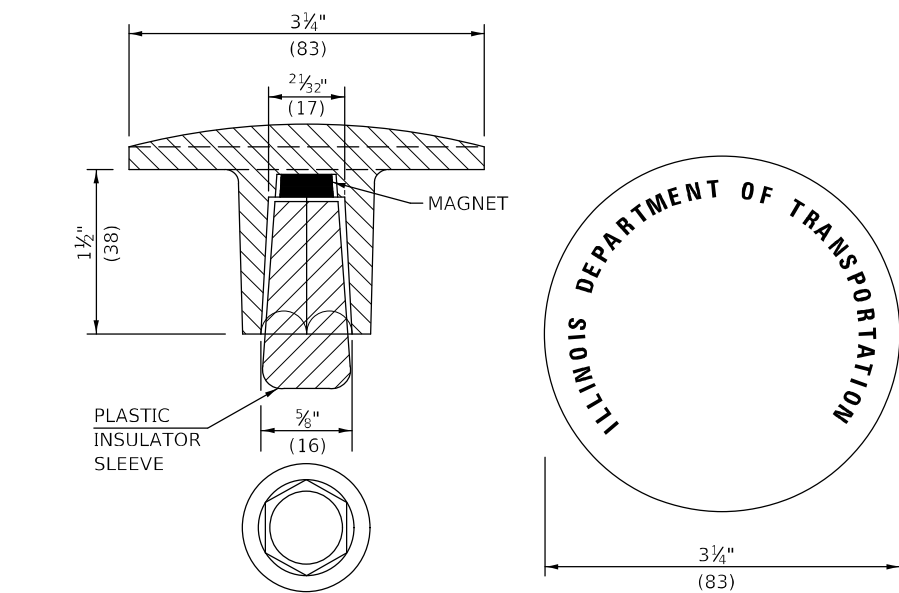
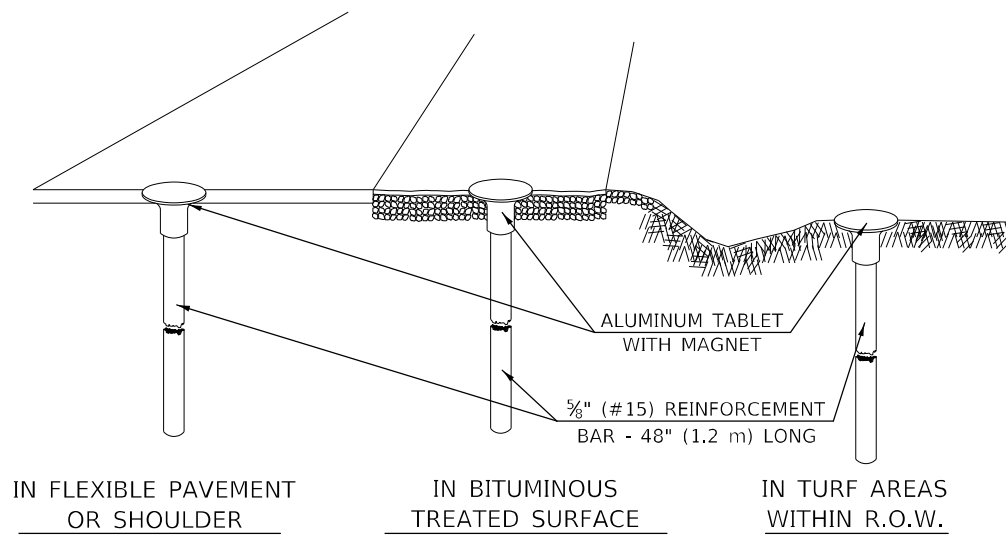
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7020000

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	75
			CONTRACT NO. 70C22	
		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.

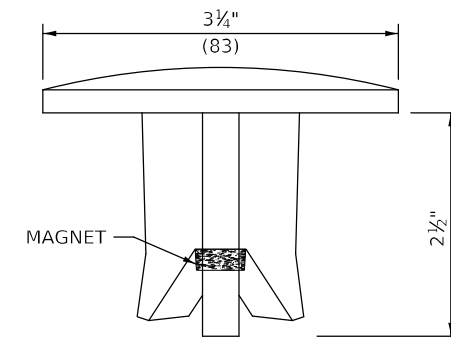
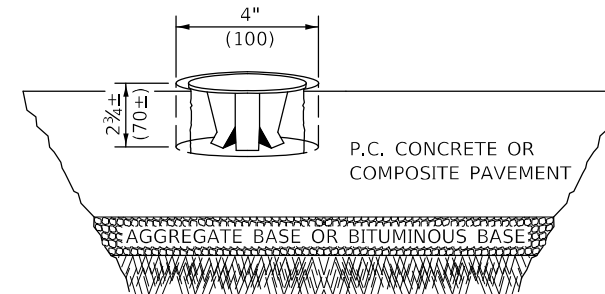
SPECIFICATIONS FOR REBAR

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

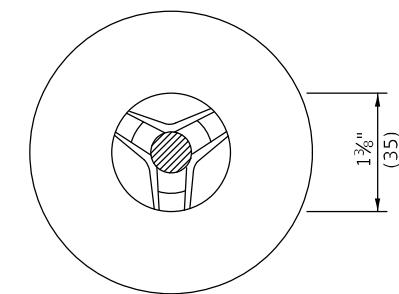
INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

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)



SIDE VIEW



BOTTOM VIEW

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)

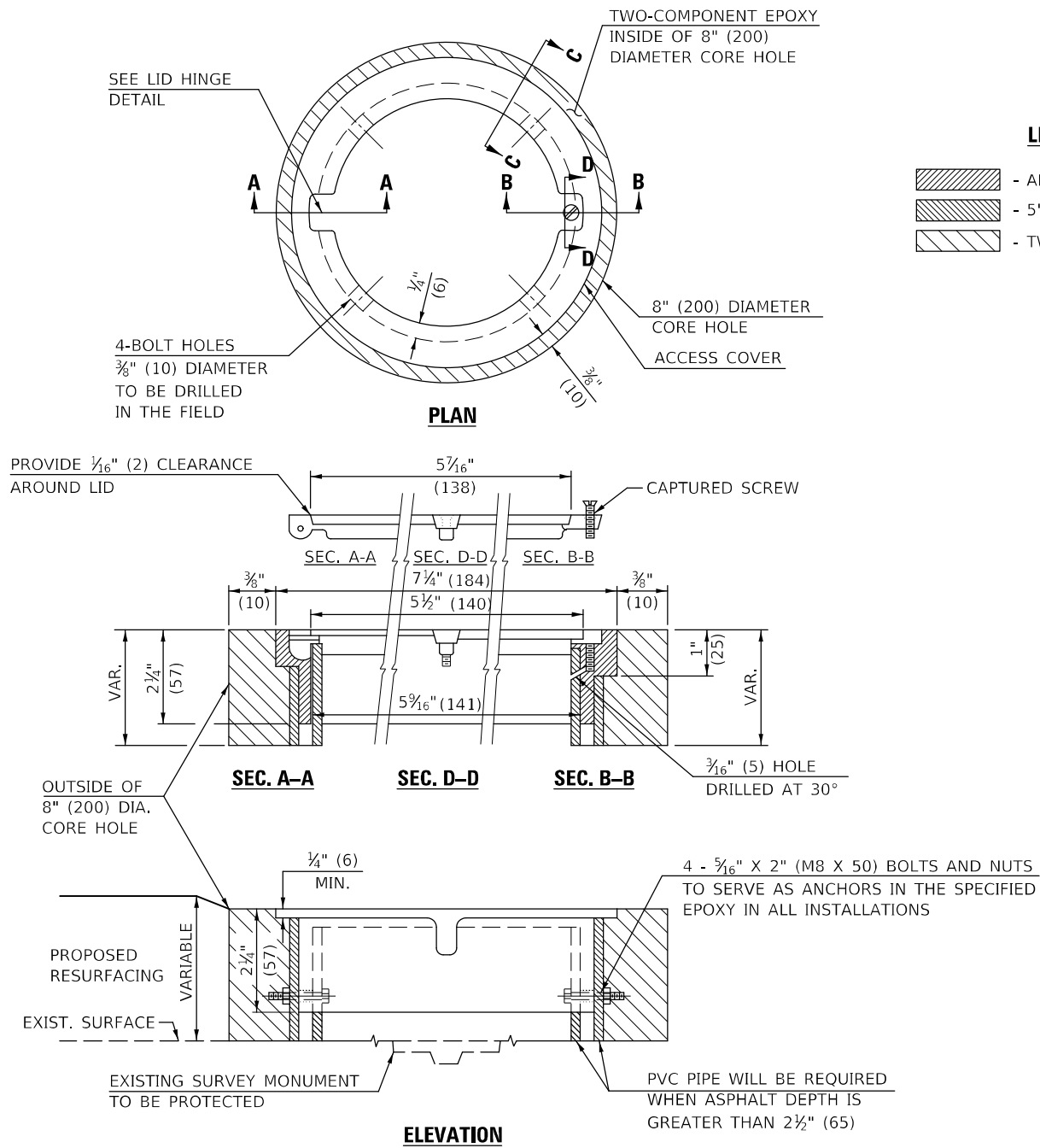
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. XZ193AAA

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	76
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

MODEL: 44001E1.MXD FILE: 44001E1.dwg PLOT DATE: 12/13/2021 PROJECT: DISTRICT 5 DETAIL NO. XZ193AAA SHEET: 76 OF 82 CONTRACT: 70C22

TO BE INSTALLED IN ALL PAVEMENT TYPES FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S) AND LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



LEGEND

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

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.

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).

GENERAL NOTES

1. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
2. THE SURVEY MONUMENT COVER ASSEMBLY SHALL BE CENTERED ABOVE THE SURVEY MONUMENT TO BE PROTECTED.
3. MODIFICATION OF THE ALUMINUM CASTING SHALL BE DONE BY GRINDING OR SAWING WHEN HEIGHT REDUCTION IS REQUIRED.
4. ALL SURVEY MONUMENT COVER ASSEMBLIES SHALL BE PLACED 1/4" (6 mm)± BELOW THE FINAL SURFACE.
5. ALUMINUM CASTING SHALL BE PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE WHEN AN INCREASE IN HEIGHT IS REQUIRED.
6. 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.
7. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MONUMENT COVER ASSEMBLY WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING THE NEW PAVEMENT SURFACE AND EPOXY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. 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. Z0070100

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

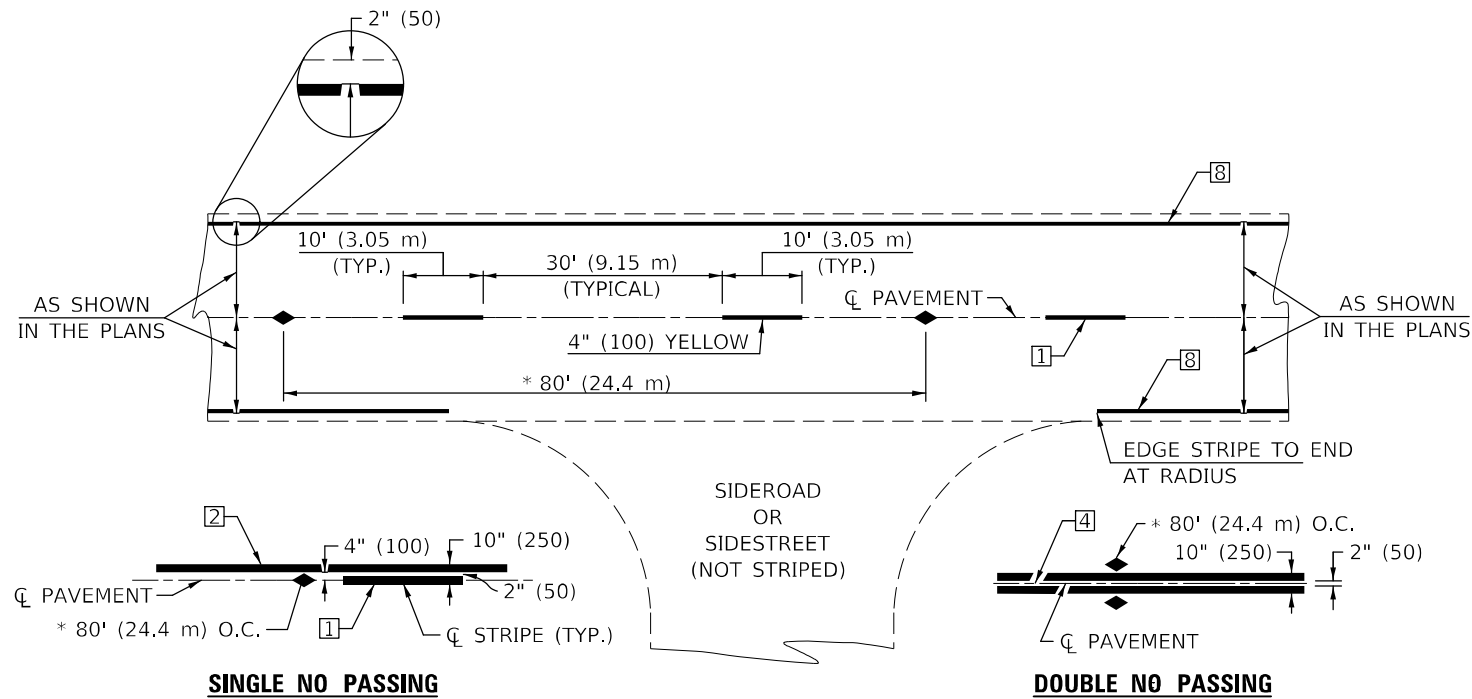
SURVEY MONUMENT COVER ASSEMBLY

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	77
			CONTRACT NO. 70C22	

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

ILLINOIS FED. AID PROJECT

MODEL: I:\MODEL\M815... FILE NAME: ...



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

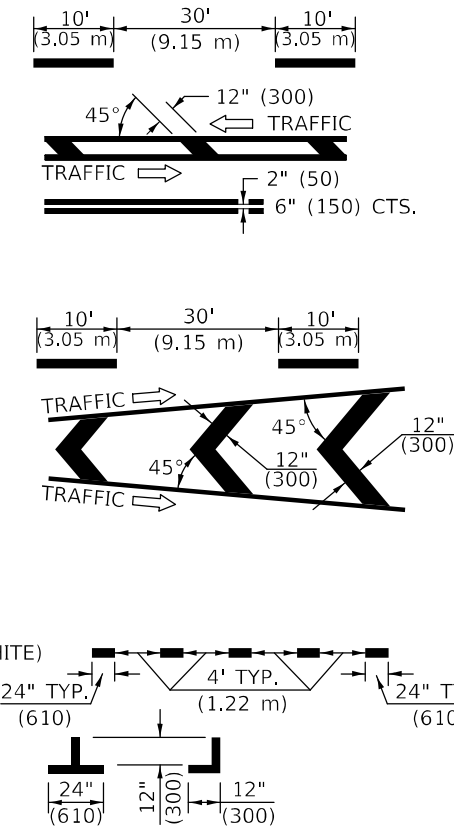
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

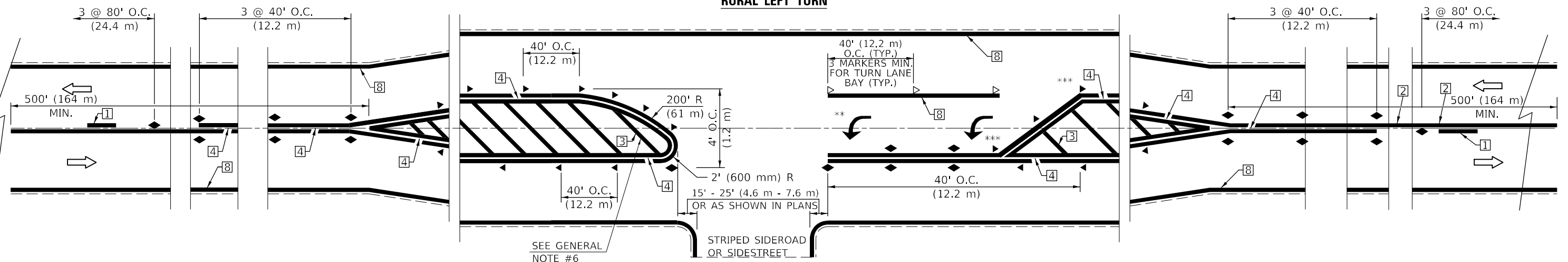
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

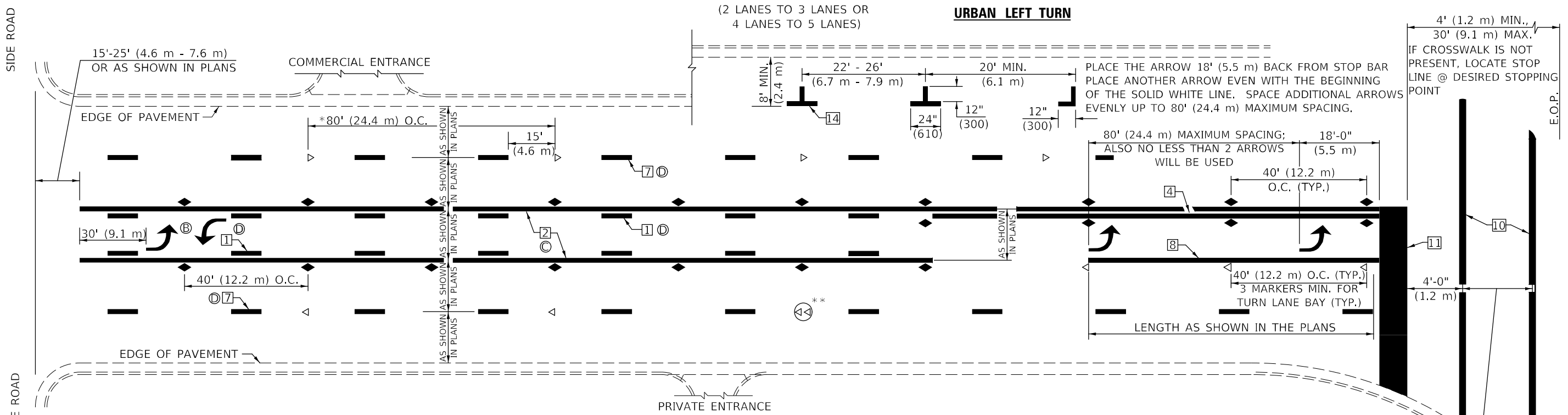
DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME = eaglinga	DESIGNED -	REVISD - 11/06
	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 12/13/2021	DATE -	REVISD - 3/2019 SWN

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	79
				CONTRACT NO. 70C22
ILLINOIS FED. AID PROJECT				

MODEL: I:\MODEL MARKS FILE: MARKS_PAVEMENT.dwg, com: P:\V\DOT\Documents\DOT Office\Drawings\Project\70C22\CAD\Drawings\70C22-shc-dtbls.dwg

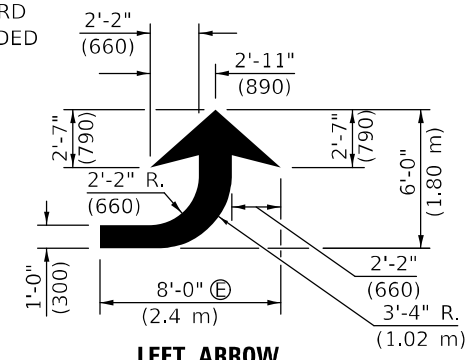


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

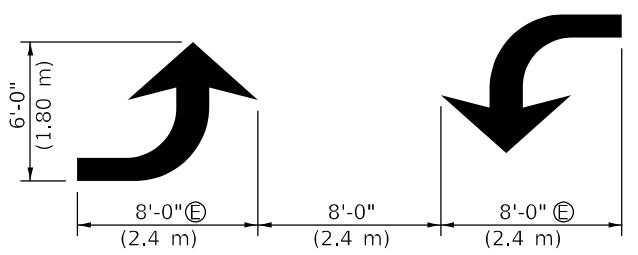
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

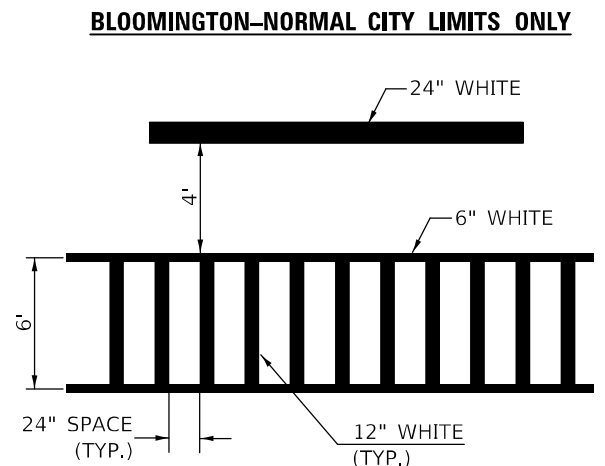
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE 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)



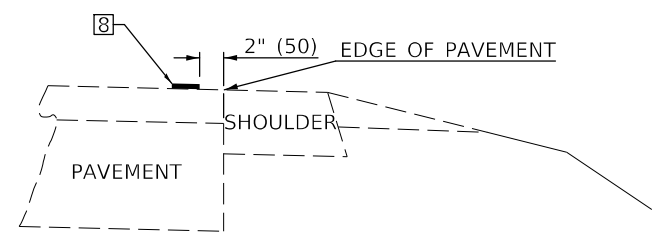
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



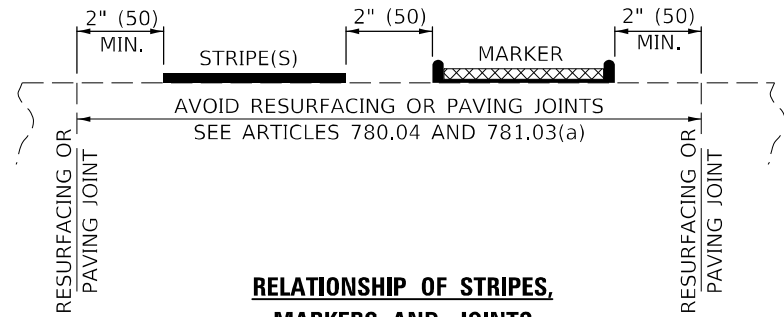
TYPICAL DOUBLE TURN ARROWS (WHITE)



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.

MODEL: I:\MODEL\MARKS FILE: MARKS_PAVEMENT.dwg DATE: 12/13/2021

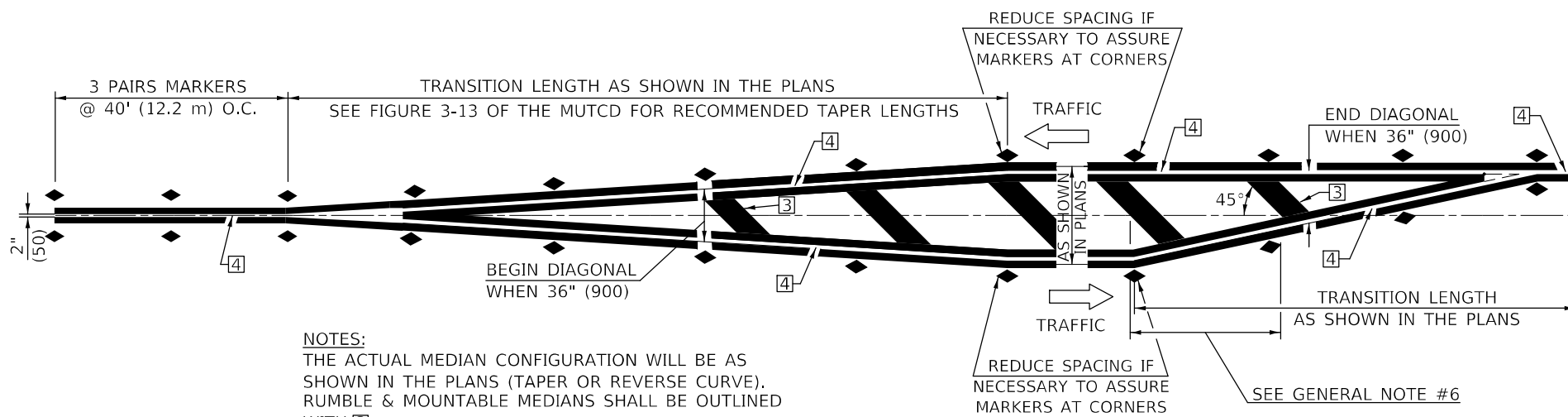
USER NAME = eaglinga	DESIGNED -	REVISD - 11/06
	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 12/13/2021	DATE -	REVISD - 3/2019 SWN

**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.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	80
			CONTRACT NO. 70C22	
ILLINOIS FED. AID PROJECT				

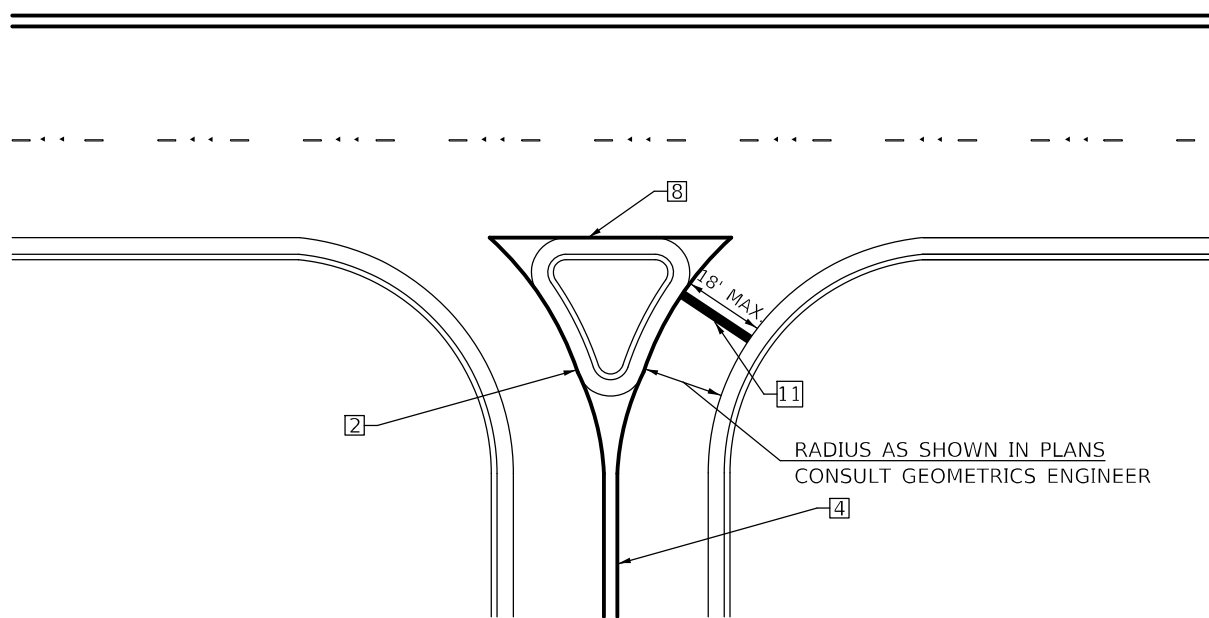


NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

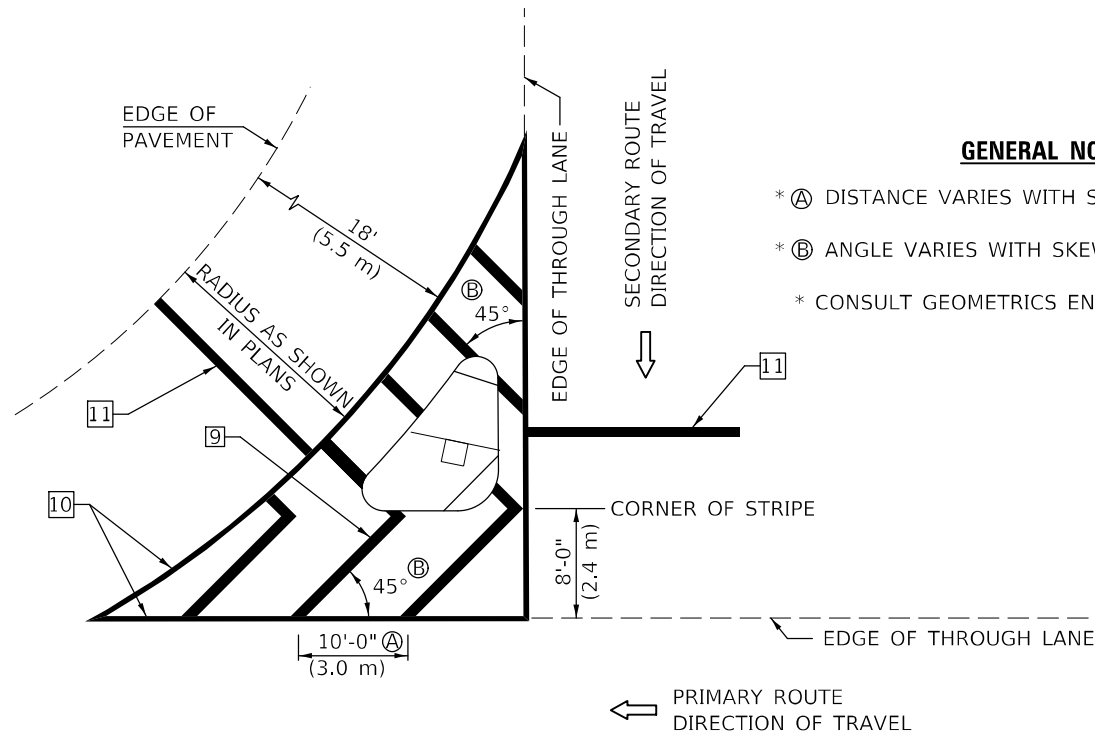
TYPICAL MEDIAN TRANSITIONS

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.

MODEL: I:\MODEL MARKS FILE: MARKS_PAVEMENT.PLA: 12/13/2021 10:00:00 AM PROJECT: I:\PROJECTS\70C22\CADD\DATA\CAD\DETAILS\70C22-DT-DETAILS.DWG

USER NAME = eaglinga	DESIGNED -	REVISD - 11/06
	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 12/13/2021	DATE -	REVISD - 3/2019 SWN

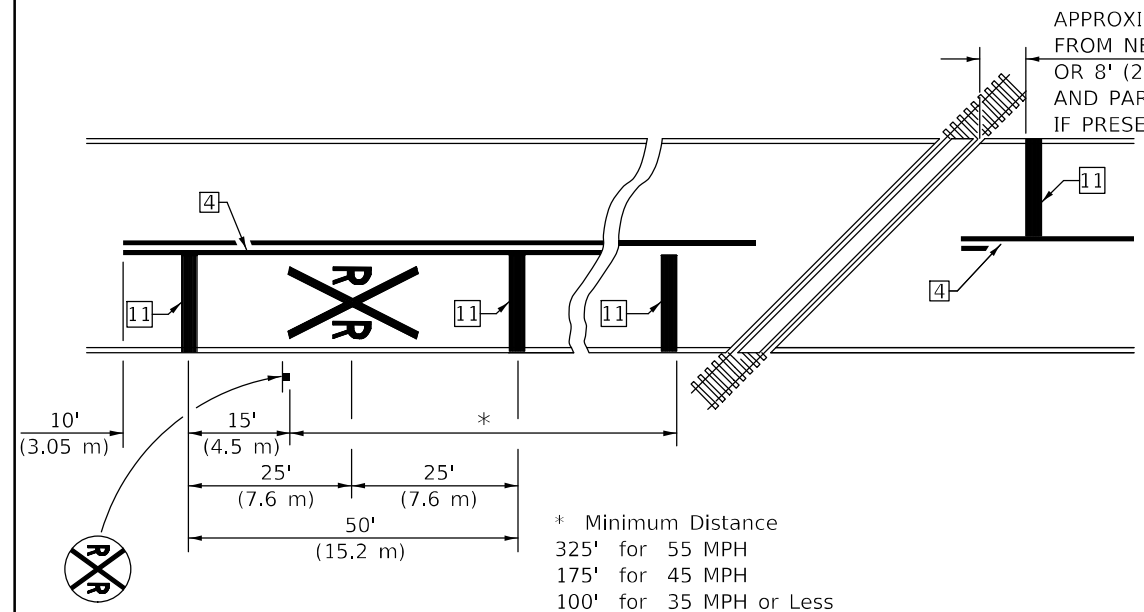
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

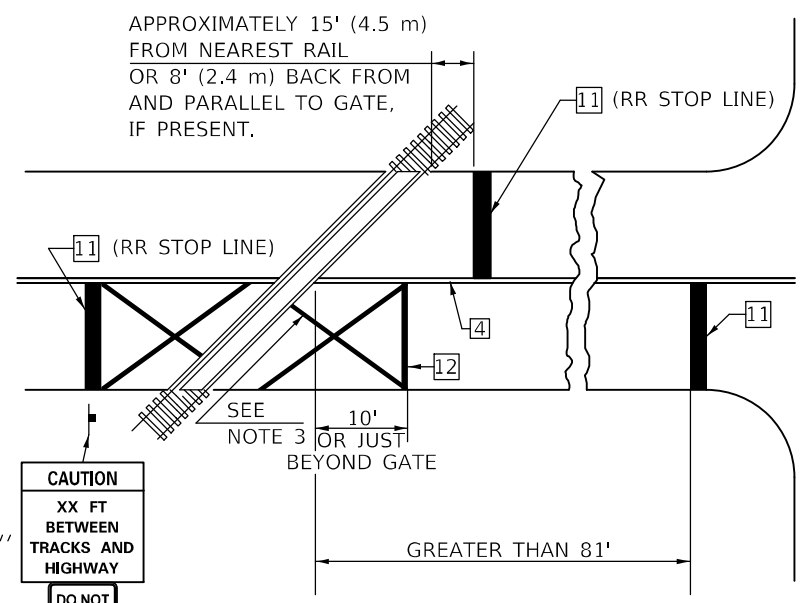
DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	81
CONTRACT NO. 70C22				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTE: SEE TABLE 2C-4 OF THE MUTCD FOR ADDITIONAL INFORMATION



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

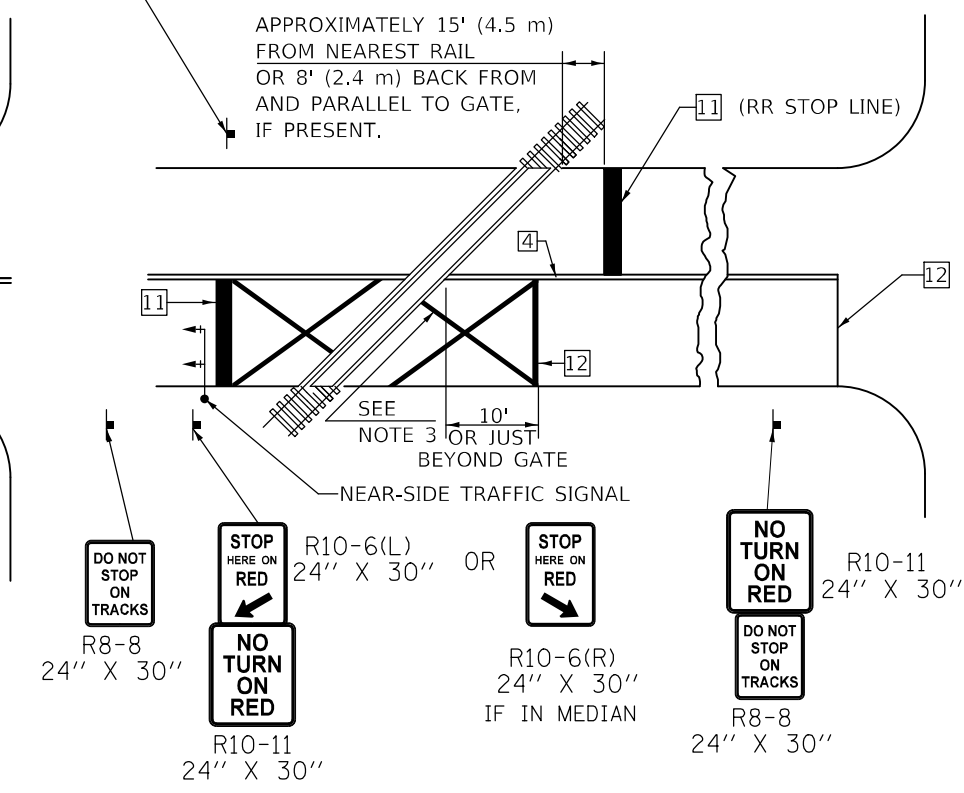
RAILROAD CROSSING WITH INTERCONNECT ONLY



R8-8
24" X 30"

ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



R8-8
24" X 30"

R10-6(L)
24" X 30"

R10-6(R)
24" X 30"

R10-11
24" X 30"

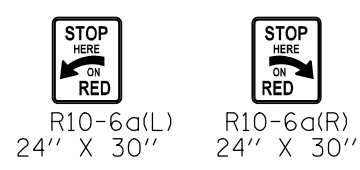
R8-8
24" X 30"

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

MODEL: I:\MODEL MARKS FILE NAME: pav\illubr-pav-beadefy.com\FWIDOT\Documents\DOT Office\Drawings\Project\0570C22\CAD\Drawings\CAD\Sheet\0570C22-4h-detailed.dwg

USER NAME = eaglinga	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 12/13/2021	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.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1512	2RS-5&(1Y,1YX,1X)RS-2	CHAMPAIGN	82	82
CONTRACT NO. 70C22			ILLINOIS FED. AID PROJECT	