

095

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(6-1)N-2,RS-3	WILLIAMSON	150	1
CONTRACT NO. 78715				

* 150 + 1 = 151 TOTAL SHEETS

D-99-024-19

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6-13
DESIGN DESIGNATION: 2112(20) OTHER PRINCIPAL ARTERIAL 2.31 (FD-20)

PROPOSED HIGHWAY PLANS

FAP ROUTE 331 (IL 13)
SECTION (6-1)N-2,RS-3
PROJECT NHPP-HSIP-E2FP(500)
INTERSECTION IMPROVEMENT AND RESURFACING
WILLIAMSON

TRAFFIC DATA

	ADT	% TRUCKS
ILLINOIS 13 (EAST OF AURELIA)	13,700 (2017)	11.5
ILLINOIS 13 (WEST OF AURELIA)	13,700 (2017)	11.5
SOUTH AURELIA DRIVE	2275 (2015)	9.9
NORTH AURELIA DRIVE	220 (2015)	0.0

TOWNSHIPS

EAST MARION

COORDINATE SYSTEM : ILLINOIS COORDINATE
SYSTEM, EAST ZONE

POSTED SPEED : 55 MPH

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

PROJECT ENGINEER SUSAN POE
PROJECT DESIGNER DYLAN WHITE

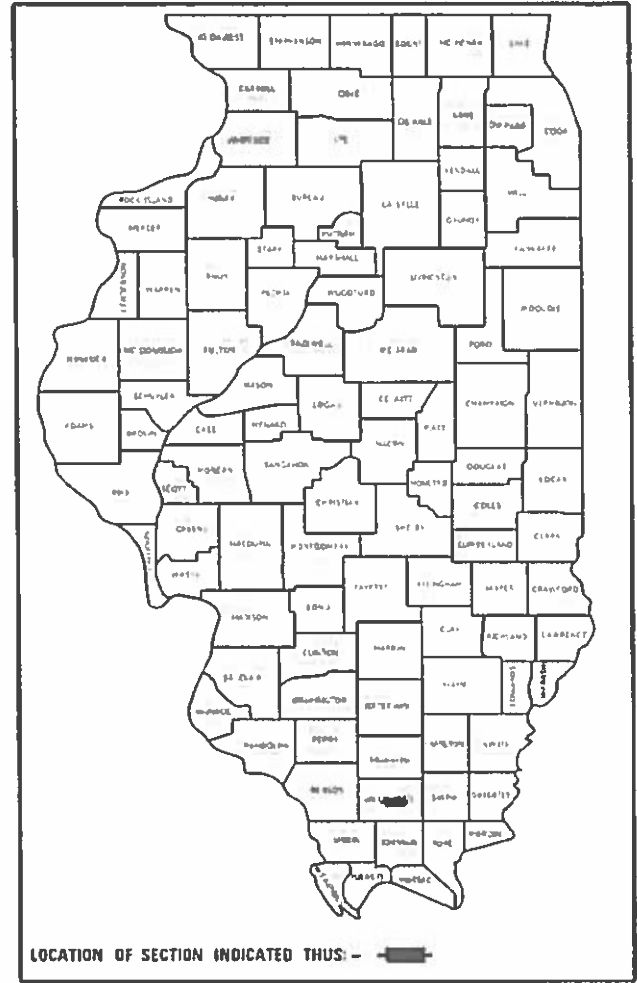
CONTRACT NO. 78715



STATION EQUATION
102+35.67 (BK) = 102+75.67 (AH) EB
102+66.89 (BK) = 102+75.67 (AH) WB

RESURFACING ENDS STA 135+62
SN 100-0022
SN 100-0023

GROSS LENGTH = 8,438 FT. = 1.6 MILES
NET LENGTH = 8,438 FT. = 1.6 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12-16-2019
[Signature]
REGION FIVE ENGINEER

Jan 31 2020
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 31 2020
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, STANDARDS AND MTD CROSSING RESTRICTIONS
4	MIXTURE REQUIREMENTS
5	GENERAL NOTES AND COMMITMENTS
6-13	SUMMARY OF QUANTITIES
14-24	TYPICAL SECTIONS
25-27	PAVING DETAILS
28-35	RCUT SCHEDULES
36-43	RESURFACING SCHEDULES
44	GEOPAK ELEMENTS IDENTIFICATION
45	TIE POINTS
46-48	ILLINOIS 13 PLAN / PROFILE
49-51	DRAINAGE PLAN / PROFILE
52	STORM SEWER PLAN / PROFILE
53-58	PROPOSED REMOVAL AND CONSTRUCTION
59-68	STAGING
69-70	EROSION CONTROL
71	GEOMETRICS
72-75	INTERSECTION DETAILS
76	PAVEMENT MARKING
77-77A	SIGNING DETAILS
78-80	LIGHTING PLAN
81-83	DETAILS: CONCRETE COLLAR, TEMP. DITCH CHECKS SEEDING AND MULCHING, ROUGH GROOVED SURFACE UNEVEN LANE SIGNS, TEMP. HMA TRANSITIONS
84-106	ILLINOIS 13 EB CROSS-SECTIONS
107-129	ILLINOIS 13 WB CROSS-SECTIONS
130-131	SOUTH AURELIA CROSS-SECTIONS
132-134	NOUTH AURELIA CROSS-SECTIONS
135-139	SOUTH AURELIA / SW QUAD CROSS-SECTIONS
140-144	SOUTH AURELIA / SE QUAD CROSS-SECTIONS
145-150	NORTH AURELIA / NW QUAD CROSS-SECTIONS



77-77A SIGNING DETAILS

STANDARDS

- 000001-07_STANDARDSYMBOLSABBREVIATIONS&PATTERNS
- 001006_DECIMALOF INCH&FOOT
- 280001-07_TEMPEROSIONCNTRLSYSTEMS
- 442201-03_CLASS&DPATCHES
- 482001-02_HMASHLDADJTOFLXPVMT
- 542306-03_PRECASTREINFCONCELLIPTICALFLAREDNSECT
- 542546-01_FLUSHINLETBOXFORMEDIAN
- 601001-05_PIPEUNDERDRAINS
- 601101-02_CONCHDWFORPIPEUNDERDRAINS
- 602301-04_INLET-TYPEA
- 602306-03_INLET-TYPEB
- 602402-02_PRECASTMANHOLE-TYPEA5FTDIA
- 602601-06_PRECASTREINFCONCFATSLABTOP
- 602701-02_MANHOLESTEPS
- 604001-05_FRAME&LIDS-TYPE1
- 604061-03_FRAME&GRATETYPE12
- 606001-07_CONCCURBTYP&COMBOCONCC&G
- 606301-04_PCCISLANDS&MEDIANS
- 701101-05_OFFRDOP-MULTILN-LESSTHAN15FTOEOP
- 701106-02_OFFRDOP-MULTILN-MORETHAN15FTAWAY
- 701421-08_LNCLOSUREMULTILN-DAYOPONLY45-55MPH
- 701422-10_LNCLOSUREMULTILN-45-55MPH
- 701426-09_LNCLOSUREMULTILN-INTERMITTANTORMOVINGOP45MPHORMORE
- 701602-10_URBANLNCLOSUREMULTILN2WWITHBIDIRECTLEFTTURNLN
- 701701-10_URBANLNCLOSUREMULTILNINTERSECTION
- 701901-08_TRAFCNTRLDEVICES
- 720001-01_SIGNPANELMOUNTDETAILS
- 720006-04_SIGNPANELERECTDETAILS
- 720011-01_METALPOSTSFORSIGNSMRKRS&DELINATORS
- 720021-02_SIGNPANELS-EXTRUDEDALUMTYPE
- 729001-01_APPOFTYPES&BPOSTS
- 780001-05_TYPICALPVMTRKINGS
- 781001-04_TYPICALAPPRAISEDREFLCPVMTMRKRS
- 821101-02_LUMINAIRE WIRING IN POLE
- 825001-04_LIGHTINGCONTROLLERPOLEMOUNT240V
- 830006-05_LIGHTPOLEALUMINUMDAVITARM
- 836001-04_LIGHTPOLEFOUNDATION
- 838001-01_BREAKAWAYDEVICES
- 886001-01_DETECTORLOOPINSTALLATIONS
- 886006-01_TYPICALLAYOUTSFORDETECTIONLOOPS
- BLR21-9_TYPAPPTRAFCNTRLDEVICES-CONSTRONRURALLOCALHWYS

MTD CROSSING RESTRICTIONS TABLE

IL 13 SN & CENTERLINE STATION		EXISTING FILL HEIGHT OVER BOX CULVERT	THICKNESS OF EXISTING PAVEMENT OVER BOX CULVERT	MTD CROSSING RESTRICTIONS
		FOOT	INCH	
SN 100-0022	STA 135+62 EB	-	-	EMPTY
SN 100-0023	STA 135+62 WB	-	-	EMPTY
SN 100-2005	STA 71+82 EB, WB	3.4	14.75	EMPTY
SN 100-7014	STA 89+24 EB, 89+14 WB	3.5	14.75	EMPTY

△ REV. 2-21-2020

MOBILE: Default
 FILE NAME: P:\planning\dot.illinois.gov\WIDOT\Documents\DOT_Offices\District 9\Projects\8715\CADD\Drawings\DOT_097815_ShtA-Cur_Seg_Index.dgn

USER NAME = whitee	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2019	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

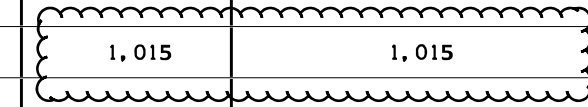
INDEX OF SHEETS, STANDARDS AND MTD CROSSING RESTRICTIONS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
331	(6-1)N-2,R5-3	WILLIAMSON	150	3
CONTRACT NO. 78715				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES - CONT

ROUTE:	IL 13 (FAP 331)		
COUNTY:	WILLIAMSON		
FUNDING:	90 % FED. 10 % STATE	80 % FED. 20 % STATE	90 % FED. 10 % STATE
LOCATION:	URBAN	URBAN	URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	SAFETY	ROADWAY	LIGHTING
				0021	0005	0021
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	1,201	126	1,075	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	413.4	125.4	288.0	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	38,938	4,671	34,267	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	716	270	446	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	48	36	12	
* 72000100	SIGN PANEL - TYPE 1	SO FT	110	110		
* 72000300	SIGN PANEL - TYPE 3	SO FT	126	126		
* 72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	1,015	1,015		
* 72900200	METAL POST - TYPE B	FOOT	16	16		
* 73000100	WOOD SIGN SUPPORT	FOOT	133	133		
* 73400100	CONCRETE FOUNDATIONS	CU YD	2.8	2.8		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	413.4	125.4	288.0	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	38,938	4,671	34,267	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	716	270	446	



* SPECIALTY ITEM

REV. 2-21-2020

M:\Projects\78715\CAD\Drawings\DOT\Office\District 9\Projects\78715\CAD\Drawings\DOT\Office\District 9\Projects\78715-Shut-Cur_Seg_Index.dgn
 FILE NAME: P:\planningroom.dwg
 I:\projects\78715\CAD\Drawings\DOT\Office\District 9\Projects\78715-Shut-Cur_Seg_Index.dgn

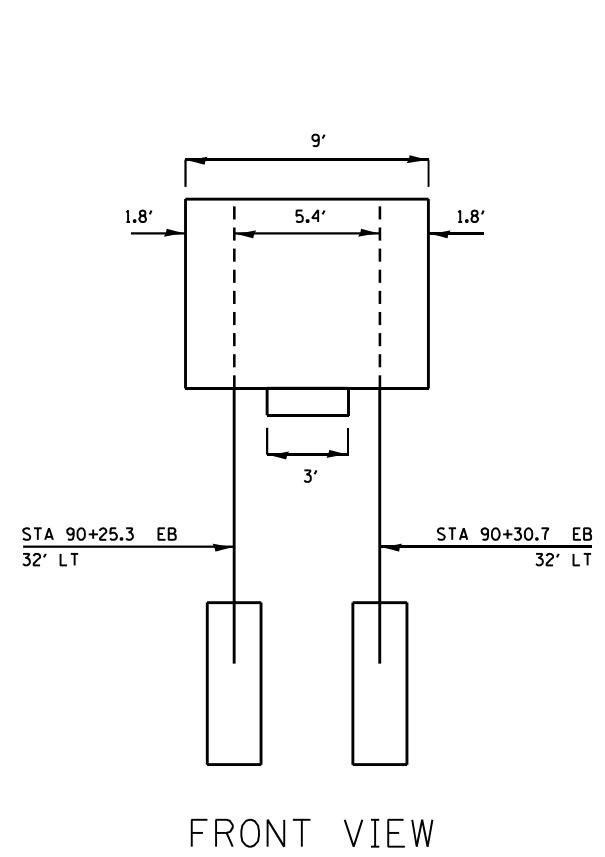
USER NAME = whitee	DESIGNED -	REVISED -
DRAWN -	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

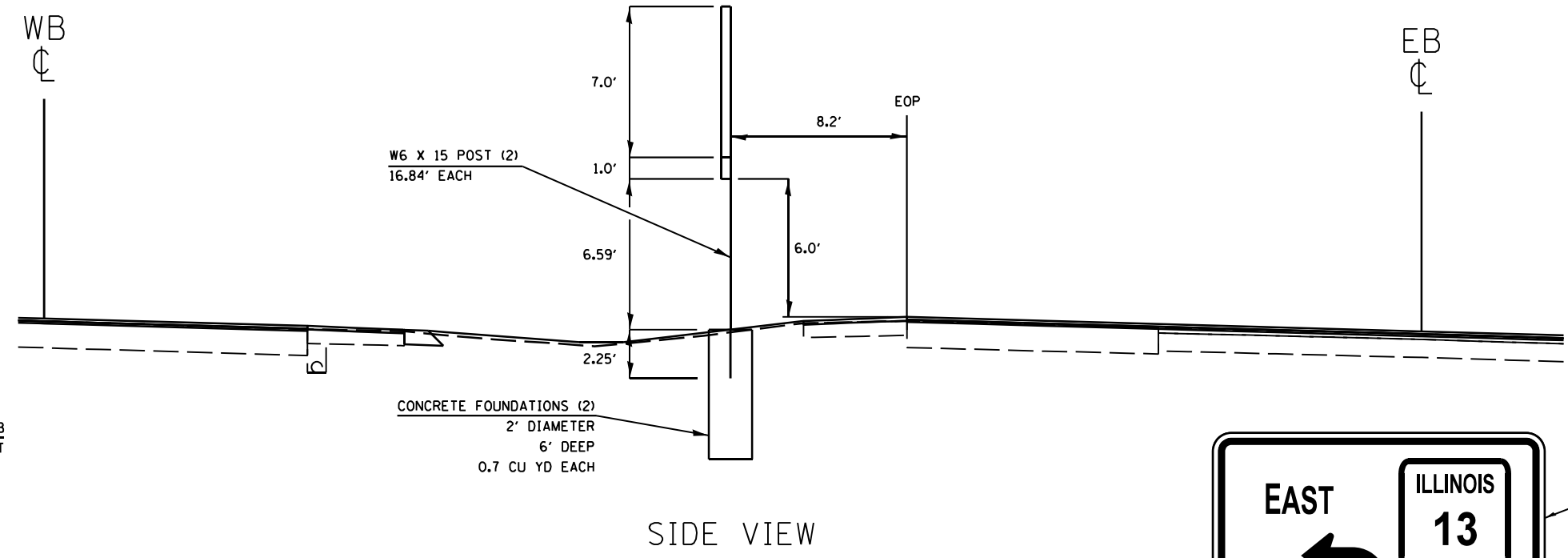
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 331	SECTION (6-1)N-2,RS-3	COUNTY WILLIAMSON	TOTAL SHEETS 150	SHEET NO. 11
CONTRACT NO. 78715			ILLINOIS FED. AID PROJECT	



FRONT VIEW

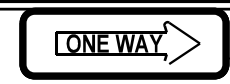


SIDE VIEW

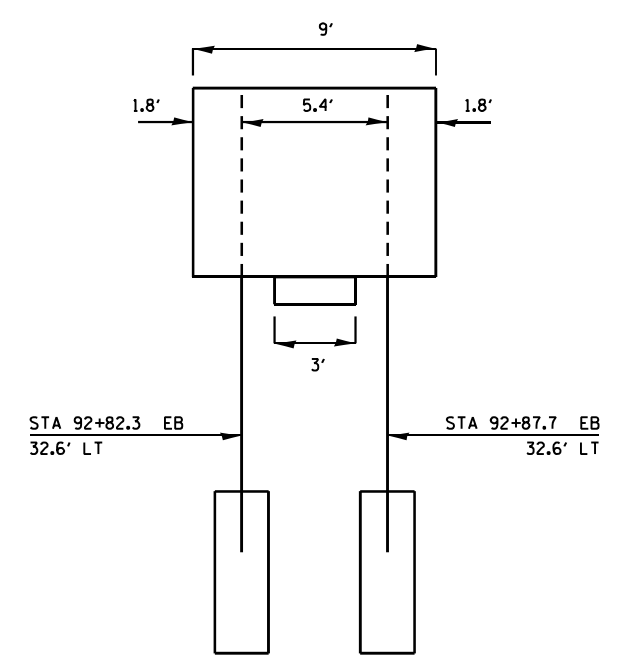
STA 90+28 EB
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY
(NOT TO SCALE)



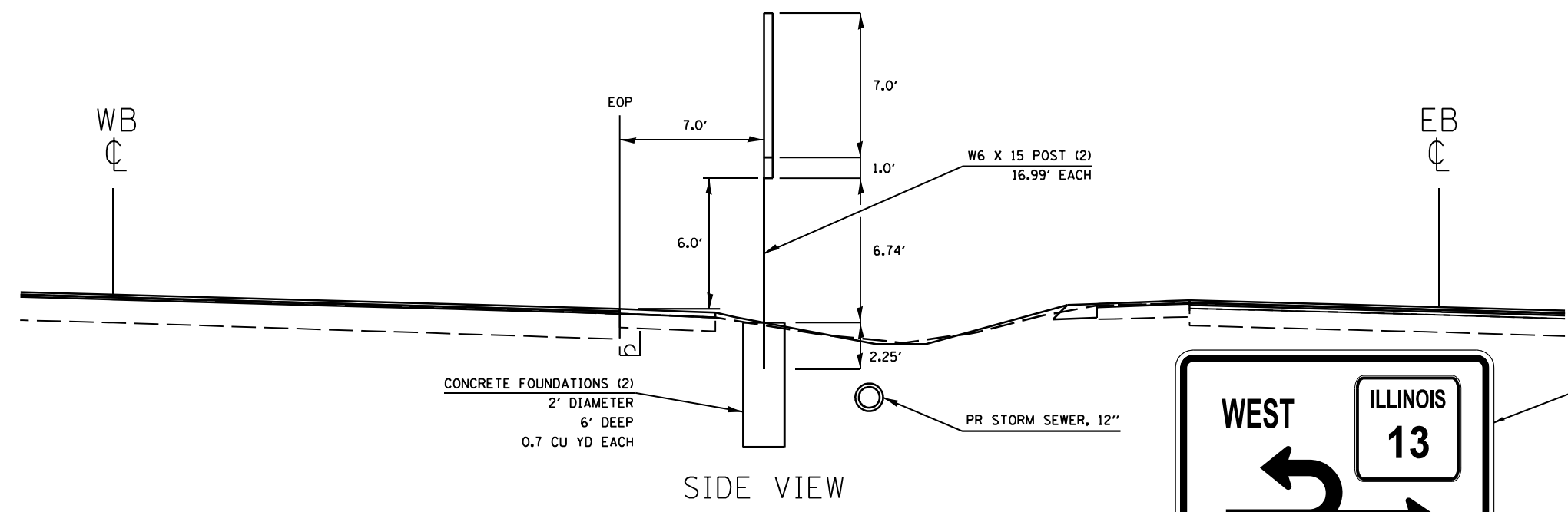
SIGN PANEL TYPE 3



SIGN PANEL TYPE 1



FRONT VIEW



SIDE VIEW

STA 92+85 EB
STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY
(NOT TO SCALE)



SIGN PANEL TYPE 3



SIGN PANEL TYPE 1

⚠ SHEET ADDED 2-21-2020

USER NAME = whiteide	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 2/21/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING LAYOUT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(6-1)N-2,RS-3	WILLIAMSON	150	77A
CONTRACT NO. 78715				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: M:\MSR\proj\harrington.dwg
 PROJECT: 78715\CADD\Drawings\DOT\Office\Drawings\78715-Sub-Rev\Detail.dwg