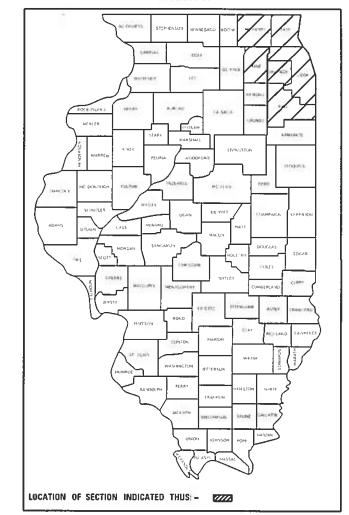
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

#### D-91-283-20



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 6 2020

May 8, 2020

ENGINEER OF

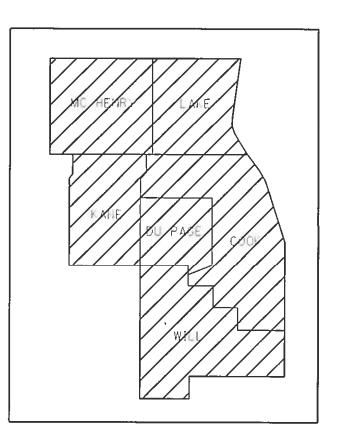
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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## PROPOSED HIGHWAY PLANS

ROUTE: VARIOUS
SECTION 2019–136–I
PROJECT: N/A
DEAD TREE REMOVAL
VARIOUS COUNTIES

C-91-066-20



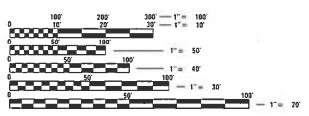
GROSS LENGTH = x.xx FT. = x.xxx MILE

NET LENGTH = x.xx FT. = x.xxx MILE

IMPROVEMENTS ARE AT VARIOUS LOCATIONS WITHIN DISTRICT ONE

FOR INDEX OF SHEETS, SEE SHEET NO. 2

0



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 JAMES STUMPNER
PROJECT MANAGER GIOVANNA ZAFFINA (847) 705–4171

CONTRACT NO. 62K10

#### INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL MOTES
3	SUMMARY OF QUARTITIES
4	SAMPLE WORK ORDERS
5	STUMP DETAIL
6	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE
7	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, & DRIVEWAYS (TC-10)
8	TRAFFIC CONTROL DETAIL FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURE (TC-17)

#### HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
701001-02	OFF-ROAD OPERATIONS, 2L. 2W, MORE THAN 15 AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15 TO 24 FROM PAVEMENT
701106-02	OFF-ROAD OPERATIONS, MORE THAN 15' AWAY
701201-05	LAME CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LAME CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L. 2W MOVING OPERATIONS - DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATION ONLY, FOR SPEEDS $\geq$ 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS. FOR SPEEDS $\leq$ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, BI-DIRECTIONAL LEFT TURN LANE
701601-09	URBAN LAME CLOSURE, MULTILAME, 1W OR 2W WITH MONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

#### **GENERAL NOTES**

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR MOTIFICATION IS REQUIRED).
- 2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL CONDITIONS EXIST-ING IN THE FIELD PRIOR TO STARTING WORK ORDERS.
- 4. THE CONTRACTOR SHALL CONTACT DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 5. THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLIMOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES AND 7 DAYS IN ADVANCE OF ALL PERMANENT AND WEEKEND CLOSURES ON ALL FREEWAYS AND OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.
- 6. THE COMTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 7. THE CONTRACTOR SHALL USE CARE IN TREE REMOVAL OPERATIONS NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 8. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- 9. THE CONSTRUCTION LIMITS WILL BE STAKED AND APPROVED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGES IN CONSTRUCTION LIMITS.
- 10. DURING CONSTRUCTION OPERATIONS, WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LIME OF DITCHES, GUTTERS, OR DRAIMAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. THIS WORK IS CONSIDERED AS PART OF CLEAN-UP.
- 11. TO AVOID IMPACTS TO THE STATE AND FEDERALLY-THREATENED NORTHERN LONG-EARED BAT (MYOTIS SEPTENTRIONALIS) AND ITS HABITAT, CLEARING OF POTENTIAL HABITAT TREES SHALL NOT BE PERMITTED FROM APRIL 1ST THROUGH OCTOBER 14TH. THE ENGINEER SHALL HAVE THE FINAL DETERMINATION OF TREE REMOVAL.
- 12. THE CONTRACTOR SHALL ADHERE TO ARTICLE 107.23 OF THE CURRENT IDOT STANDARD SPECIFICATIONS BOOK.
- 13. WHEN HERBICIDE WORK IS SPECIFIED AND AUTHORIZED, THE CONTRACTOR SHALL HAVE A LICENSED APPLICATOR ON THE WORK SITE TO PERFORM SAID WORK UMDER THE DIRECT SUPERVISION OF THE RESIDENT ENGINEER.

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SUMMARY OF QUANTITIES			]	CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL	URBAN 100% STATE 0031	FORMAL FUNDS					CODE NO	ITEM	UNIT	TOTAL		FORMAL FUNDS				
X2100002	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	UNIT	100	100	0031 _					20101000	TEMPORARY FENCE	FOOT	2860	0031	2860			+	
	Bo Bo						-												
										20101300	TREE PRUNING (1 TO 10 [NCH DIAMETER)	, <u>E</u> ACH	115	15	100				
X2010110	TREE REMOVAL (16 TO 15 UNITS DIAMETER),	UNIT	200		200														
	EXPEDITED									20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	130	30	100				
X2010210	TREE DEMONAL (OVER AS UNITS DIAMETER) EVER	LINUT	200																
A2010210	TREE REMOVAL (OVER 15 UNITS DIAMETER) EXPE  EXPEDITED	UNIT	200		200					8100010x	TREE REMOVAL (UNDER 6 UNITS DIAMETER)	UNIT	500	500					
										x0325222	WEED CONTROL, BASAL TREATMENT	GALLON	25	25					
X2011300	TREE PRUNING (I TO 10 INCH DIAMETER),	UNIT	10	10															
	EXPEDITED		22-113/1							x0327120	WEED CONTROL, NATIVE LANDSCAPE	ACRE	13	3	10				
			-								ENHANCEMENT								
X2011350	TREE PRUNING (OVER 10 INCH DIAMETER),	EACH	20	20															
	EXPEDITED									x2010100	TREE LIMB REMOVAL (4 TO 10 INCHES	EACH	35	15	20				
			101								DIAMETER)			-					
X2010101	TREE LIMB REMOVAL (14 TO 10 INCHES	EACH	10	10										-					
	DIAMETER), EXPEDITED									x2010200	TREE LIMB REMOVAL (OVER 10 INCHES	EACH	40	20	20				
											DI AMETER)								
X2010201	TREE LIMB REMOVAL (OVER 10 INCHES	EACH	10	10														1	
	DIAMETER), EXPEDITED									x2010310	TREE REMOVAL (SPECIAL)	UNIT	8	8					
X2010311	TREE REMOVAL (SPECIAL), EXPEDITED	UNIT	5		5					x2010350	TREE REMOVAL. ACRES (SPECIAL)	ACRE	16	8	8			-	
																		-	
										X2010400	STUMP REMOVAL ONLY	UNIT	500	200	300				
X2010351	TREE REMOVAL ACRES (SPECIAL), EXPEDITED	ACRE	2		2					1									
										Z0064800	SELECTIVE CLEARING	UNIT	115	115					
X2100003	SELECTIVE CLEARING, EXPEDITED	UNIT	20		20	Ce.		, , , , , , , , , , , , , , , , , , ,			<del></del>								
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNET	4200	4000	200														
																		-	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	5000	4800	200					*	SPECIALTY ITEM								
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TREE REMOVAL BY UNIT									
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	AND TOTAL								
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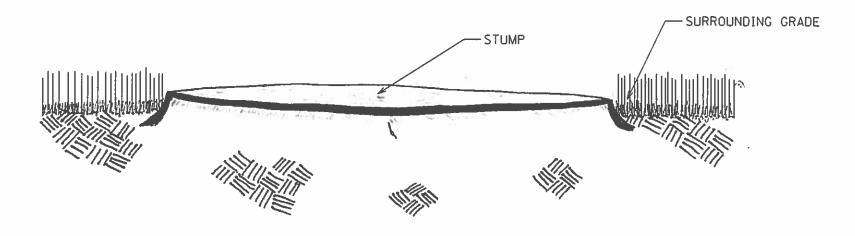
THE TWO (2) TYPES OF SHOWN WORK ORDERS ARE SAMPLE FORMS ONLY.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

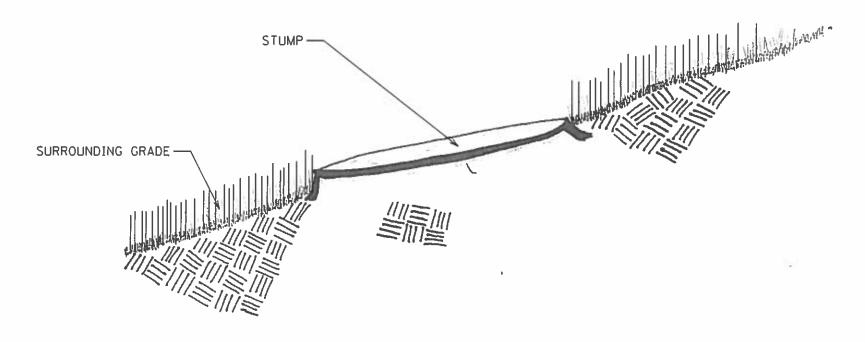
SCALE \_

DEAD TREE REMOVAL SECTION SAMPLE WORK ORDER OF \_\_\_ SHEETS STA TO STA



#### STUMP CUT FLUSH AT A HORIZONTAL PLANE

NOTE: STUMPS SHALL BE CUT LESS THAN 2" OF THE SURROUNDING GRADE.

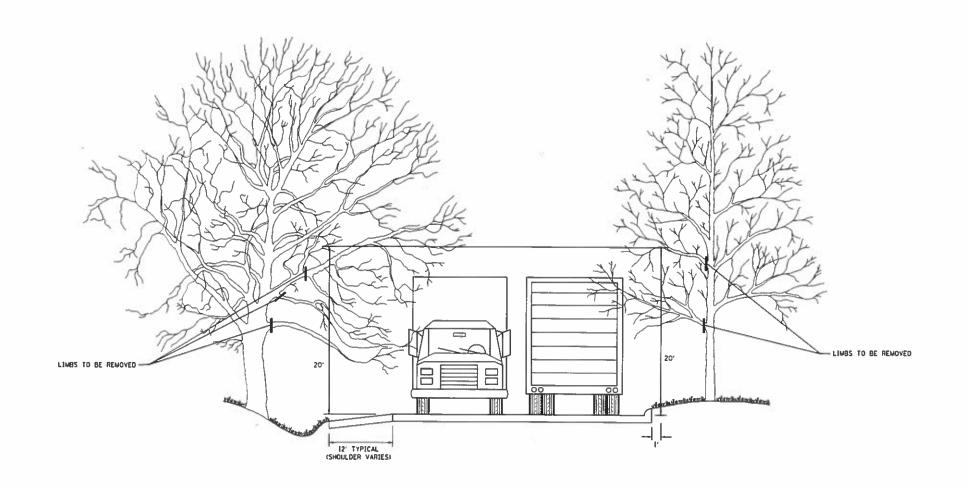


### STUMP CUT FLUSH ON A SLOPE

NOTE: STUMPS SHALL BE CUT LESS THAN 2" OF THE SURROUNDING GRADE.

DETAILS ARE NOT DRAWN TO SCALE

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NOTE IF A DEAD AND/UR HAZARDOUS LIMB IS FOUND TO BE AT A HIGHER ELEVATION THAN THE PRUVING CLEARANCE REQUIREMENT, THE CONTRACTOR SHALL PRUME THE LIMB AND THE COST OF WORK SHALL BE INCIDENTAL TO PAY ITEM

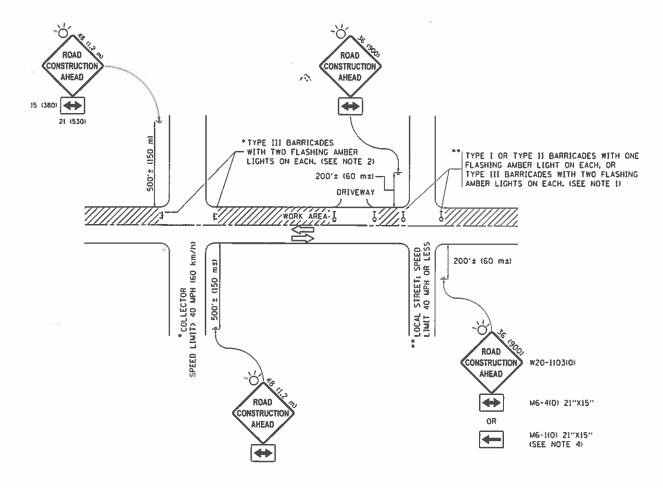
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

		DEAD '	TREE	REMOVAL		
PRUNING	FOR	SAFETY	AND	EQUIPMENT	CLEARANCE	
 SHE	ET	OF	SHE	ETS STA	TO STA	

SCALE

RTE	SECTION	COUNTY	SHEETS	SHEET NO
VAR	2019-136-1	VARIOUS	8	6
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#### NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER;
  - of one "Road construction ahead" sign 36  $\times$  36 (900 $\times$ 900) with a Flasher mounted on it approximately 200' (60 m) in advance of the main route.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE 1, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT CREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - OI ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500" (150 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (MG-I) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4).

SCALE:

- 5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARDIS). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

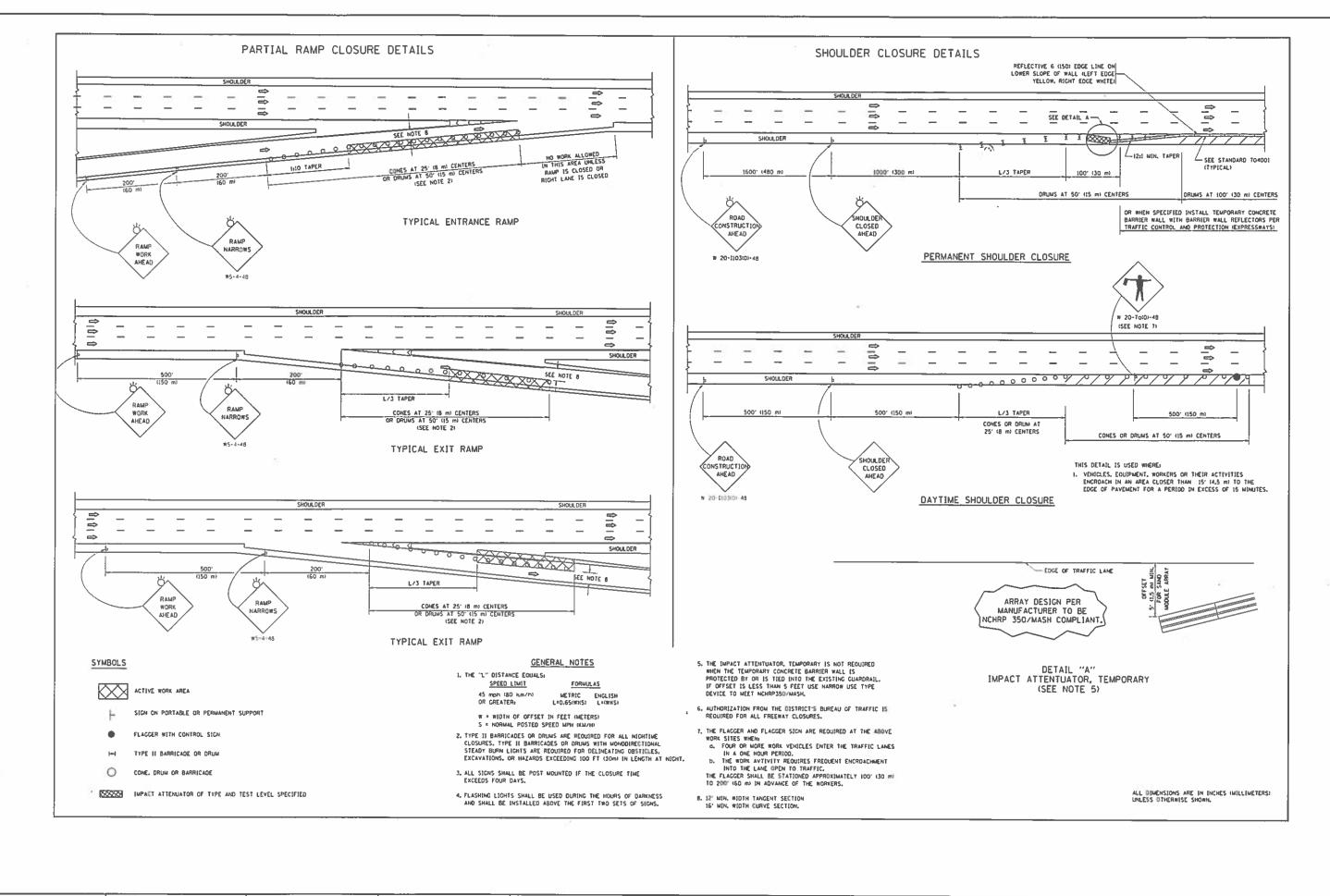
All dimensions are in inches (millimeters) unless otherwise shown.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAIL FOR FREEWAY SHOULDER
CLOSURES AND PARTIAL RAMP CLOSURE (TC-17)

SHEET OF SHEETS STA TO STA

SCALE

F.A., TOTAL SHEE SHEETS NO VAR 2019-136-1 VARIOUS 8 8 CONTRACT NO 62K10

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