

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-RS&SW	KANE	64	1
ILLINOIS			CONTRACT NO. 62K71	

\* 64+23=87 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE CITY OF ELGIN AND WEST DUNDEE TOWNSHIP

TRAFFIC DATA:

2019

STA 17+00 TO STA 49+23

ADT = 18300

STA 49+23 STA 108+00

ADT = 14500

STA 108+00 - STA 236+00

ADT = 30600

STA 236+00 - STA 284+00

ADT 26600

STA 284+00 - STA 312+95

STA 17+00 TO STA 36+00

POSTED SPEED LIMIT = 40 MPH

STA 36+00 TO STA 143+00

POSTED SPEED LIMIT = 30 MPH

STA 143+00 TO STA 210+00

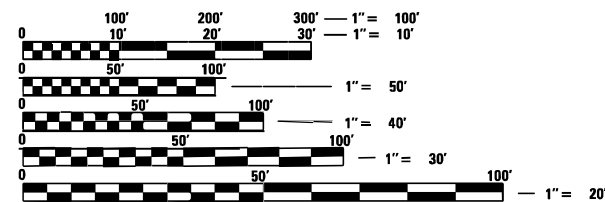
POSTED SPEED LIMIT = 35 MPH

STA 210+00 TO STA 284+00

POSTED SPEED LIMIT = 45 MPH

STA 284+00 TO STA 312+95

POSTED SPEED LIMIT = 35 MPH

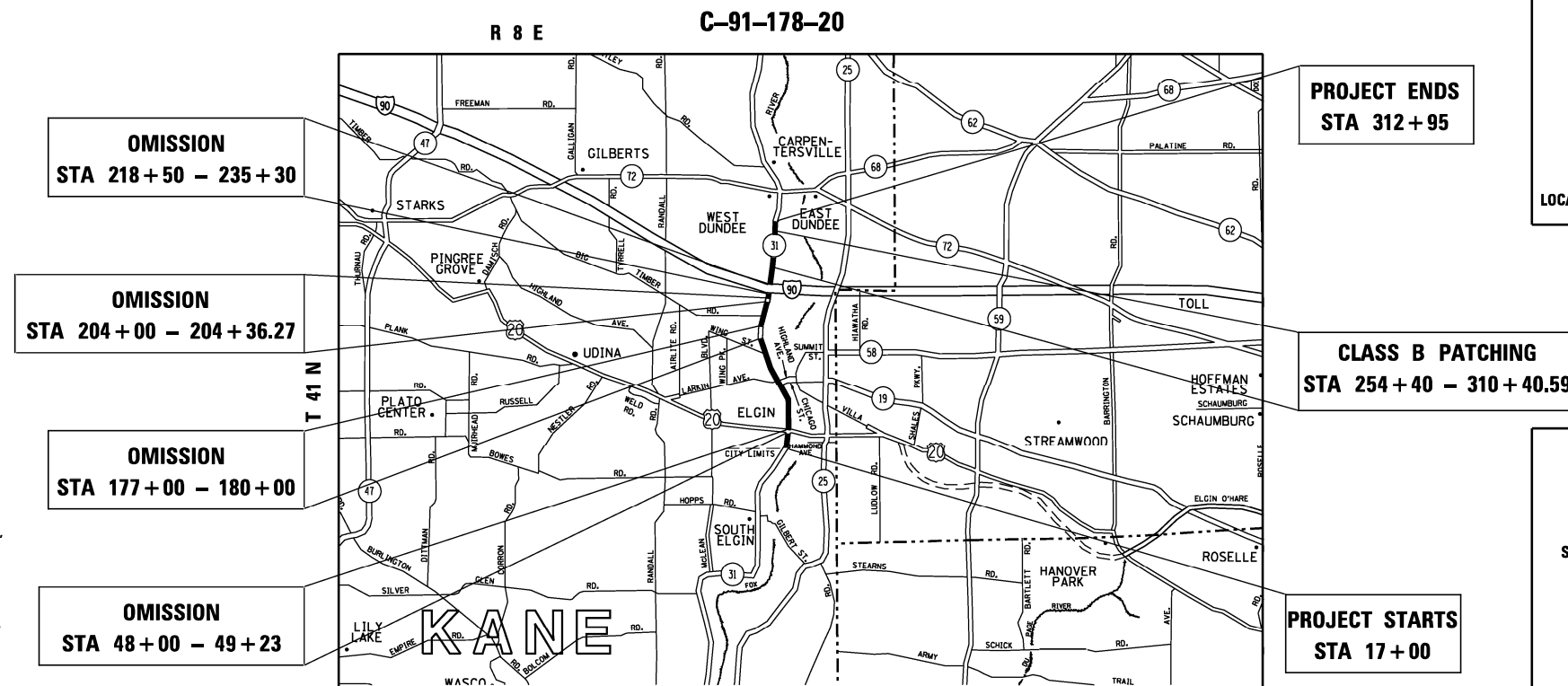
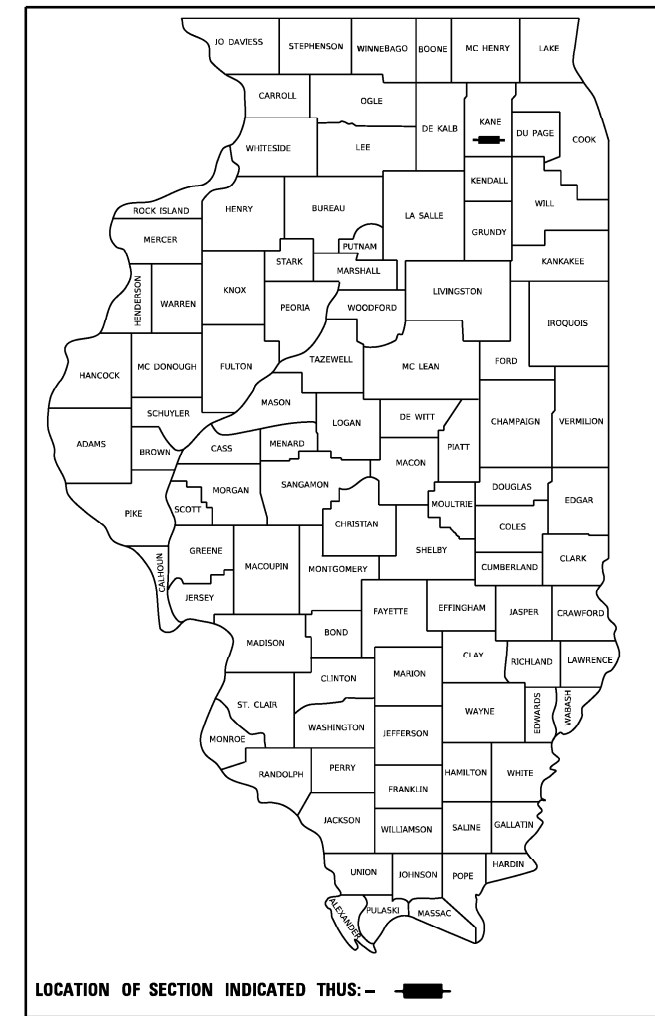


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROPOSED  
HIGHWAY PLANS

F.A.U. ROUTE 3887 IL RTE 31  
STROM DR TO WEST RD  
(MENTAL HOSPITAL ENT)  
SECTION 2019-198-RS&SW  
STANDARD OVERLAY, ADA IMPROVMENTS  
AND PATCHING  
PROJECT STP-GV4T(423)  
KANE COUNTY



PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432  
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

GROSS LENGTH = 29356 FT. = 5.60 MILE  
NET LENGTH = 26756 FT. = 5.00 MILE

CONTRACT NO. 62K71

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED MAR 21 2020  
Anthony J. C...  
REGIONAL ENGINEER

May 8, 2020  
Scott A. Elk  
ENGINEER OF DESIGN AND ENVIRONMENT

May 8, 2020  
James J. ...  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
604001-05	FRAMES AND LIDS TYPE 1
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-05	OFF -RD OPERATION, MULTILANE, 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701421-08	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING SPEEDS >= 45MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPER. FOR SPEED>= 45MPH
701427-05	LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPER. FOR SPEED < 40MPH
701501-06	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE,2L,2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE 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
704001-08	TEMPORARY CONCRETE BARRIER
886001-01	DETECTOR LOOP INSTALLATIONS

**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 NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF ADDISON, BLOOMINGDALE AND ROSEDALE.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT MR. DON CHIARUGI, ARTERIAL TRAFFIC FIELD ENGINEER, AT don.chiarugi@illinois.gov

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL FINAL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION

CONTACT ROADSIDE DEVELOPMENT UNIT AT 847.705.4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

ANY DETECTOR LOOPS DAMAGED BY PCC PATCHING OR PCC SURFACE REMOVAL VARIABLE DEPTH SHALL BE REPLACED IN KING. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THE RESIDENT ENGINEER THIS INFO PRIOR TO REMOVAL.

THE CONTRACTOR MUST APPLY FOR A RIGHT OF ENTRY PERMIT FROM THE UNION PACIFIC RAILROAD AND REFERENCE THE UNION PACIFIC FOLDER NO.: 3202-22, WHEN FILLING OUT THE PERMIT APPLICATION.

HIGHWAY STANDARD 701422-10 SHALL BE USED FOR ALL LANE CLOSURES US 20.

REVISED SHEET 05/18/2020

FILE NAME =	USER NAME = khans	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARS AND GENERAL NOTES IL RTE 31 (WEST RD TO STROM DR)</b>	F. AU	SECTION	COUNTY	TOTAL	SHEET
pw:\planroom.dot.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\DI36820\Drawings\Design\DI36820-sht-gennote.dgn	DRW	REVISED -	REVISED -			3887	2 (19-198-RS 8SW	KANE	64	2
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 62K71				
	PLOT DATE = 5/8/2020	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.

ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0047	0005	0043	TOTAL QUANTITIES	UNIT	TOTAL QUANTITIES	0005	0021	0047	0005	0043			
				URBAN	TRAFFIC SIGNALS	BRIDGE REPAIR	NON-PARTICIPATING WORK (100% STATE) URBAN	STORM SEWER 100% CITY OF ELGIN				URBAN	TRAFFIC SIGNALS	BRIDGE REPAIR	NON-PARTICIPATING WORK (100% STATE) URBAN	STORM SEWER 100% CITY OF ELGIN			
20200100	EARTH EXCAVATION	CU YD	122	122								11912							
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNITS	100	100															
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	597	597															
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNITS	85	85															
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	5	5															
20101300	TREE PRUNNING (1 TO 10 INCH DIAMETER)	EACH	8	8															
20101350	TREE PRUNNING (OVER 10 INCH DIAMETER)	EACH	32	32															
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5	5															
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5	5															
25003210	INTERSEEDING, CLASS 2A	ACRE	4.2	4.2															
25200110	SODDING, SALT TOLERANT	SO YD	597	597															
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	216	216															
35600716	HOT-MIX ASPHALT BASE COURSE WIDENING, 10"	SO YD	216	216															
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	83111	83111															
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	183	183															
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1761	1761															
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	5014	5014															
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	11912	11912															
42001300	PROTECTIVE COAT	SO YD	980	980															
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	6846	6846															
42400800	DETECTABLE WARNINGS	SO FT	600	600															
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	121366	121366															
44000600	SIDEWALK REMOVAL	SO FT	6705	6705															
44003100	MEDIAN REMOVAL	SO FT	4110	4110															
44200050	WELDED WIRE REINFORCEMENT	SO YD	20	20															
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	110	110															
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	200	200															
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	120	120															
44201299	DOWEL BARS 1 1/2"	EACH	400	400															
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	516	516															
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	96	96															

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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 31 (WEST RD TO STROM DR)  
SUMMARY OF QUANTITIES**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-RS&SW	KANE	64	3
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 62K71	

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0047	0005	0043	TOTAL QUANTITIES	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005	0021	0047	0005	0043	
				URBAN	URBAN	URBAN	NON-PARTICIPATING WORK (100% STATE) URBAN	STORM SEWER 100% CITY OF ELGIN						URBAN	URBAN	URBAN	NON-PARTICIPATING WORK (100% STATE) URBAN	STORM SEWER 100% CITY OF ELGIN	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	167	167						* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1					
44213200	SAW CUTS	FOOT	1200	1200						* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1					
44213204	TIE BARS 3/4"	EACH	30	30						* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	24	24					
45100100	CRACK ROUTING (PAVEMENT)	FOOT	9046	9046						67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18					
45100200	CRACK FILLING	POUND	2380	2380						67100100	MOBILIZATION	L SUM	1	1					
50157300	PROTECTIVE SHIELD	SO YD	55			55				70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1						1
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	6.5					6.5		70300100	SHORT TERM PAVEMENT MARKING	FOOT	34269	34269					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	41	41						70106800	CHANGEABLE MESSAGE SIGN	CAL DAYS	30			30			
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1					1		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	11423	11423					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3						70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1			1			
60255500	MANHOLES TO BE ADJUSTED	EACH	10	10						70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	821	821					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2						70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	72997	72997					
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2						70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	11028	11028					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	16	16						70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	4677	4677					
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10						70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2640	2640					
60500105	FILLING MANHOLES	EACH	1					1		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1023	1023					
60618740	CONCRETE MEDIAN, TYPE M-2.12	SO FT	1200	1200						70300510	PAVEMENT MARKING TAPE, TYPE III, LETTER AND SYMBOLS	FOOT	943			943			REV 5/18/2020 SEP
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SO FT	970	970						70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	600			600			REV-SEP
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	122	122						70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	1134			1134			* SPECIALTY ITEM
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7															



SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 URBAN	0021 TRAFFIC SIGNALS URBAN	0047 BRIDGE REPAIR URBAN	0005 NON-PARTICIPATING WORK (100% STATE) URBAN			CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 URBAN	0021 TRAFFIC SIGNALS URBAN	0047 BRIDGE REPAIR URBAN	0005 NON-PARTICIPATING WORK (100% STATE) URBAN		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	300			300	1			* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	18645	18645					
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	300			300	1			* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2757	2757					
70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4			4	1			* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	158	158					
70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4			4	1			* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	20	20					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	821	821						* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2551	2551					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	124598	124598						* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	8			8			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	11028	11028						78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1276	1276					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	4677	4677						* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	56			56			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2640	2640						* 81400200	HEAVY-DUTY HANDHOLE	EACH	4			4			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1023	1023						* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			2			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	565	565						* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	877			877			
										* 87900200	DRILL EXISTING HANDHOLE	EACH	1			1			

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\* SPECIALTY ITEM

FILE NAME =	USER NAME = khans	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in	CHECKED -	REVISED -
	PLOT DATE = 4/3/2020	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 31 (WEST RD TO STROM DR) SUMMARY OF QUANTITIES

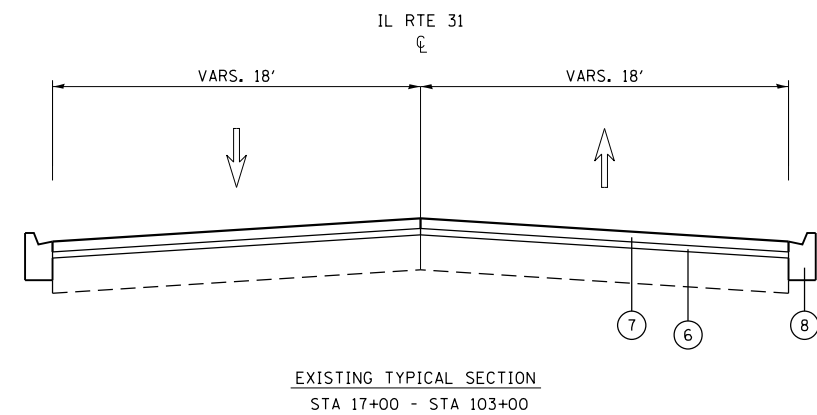
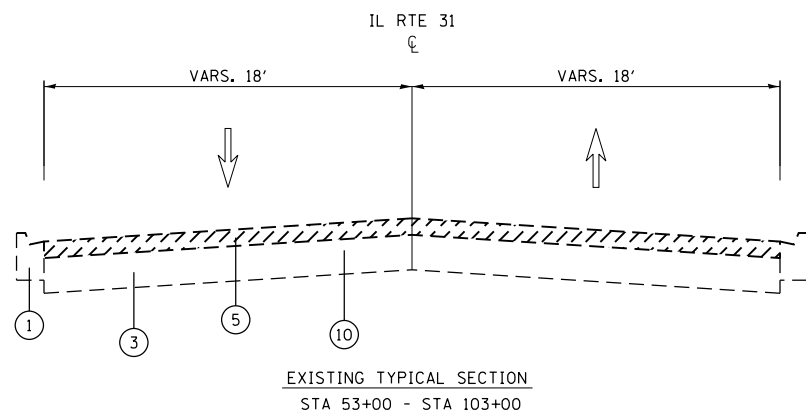
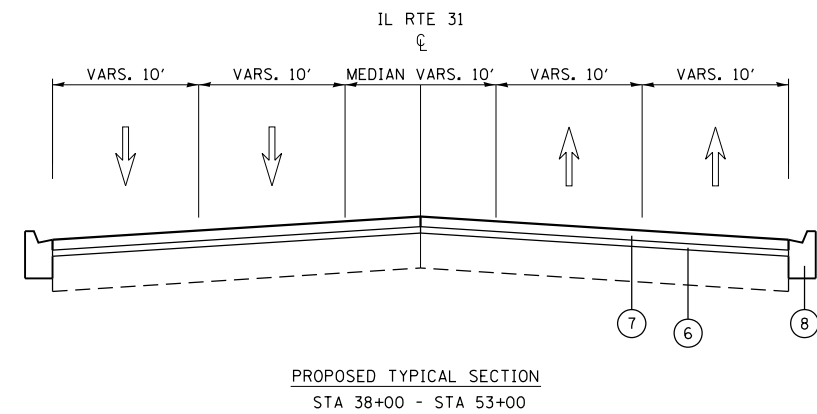
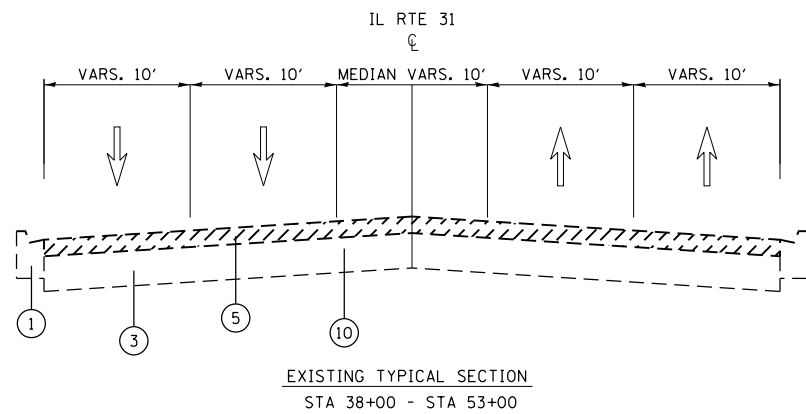
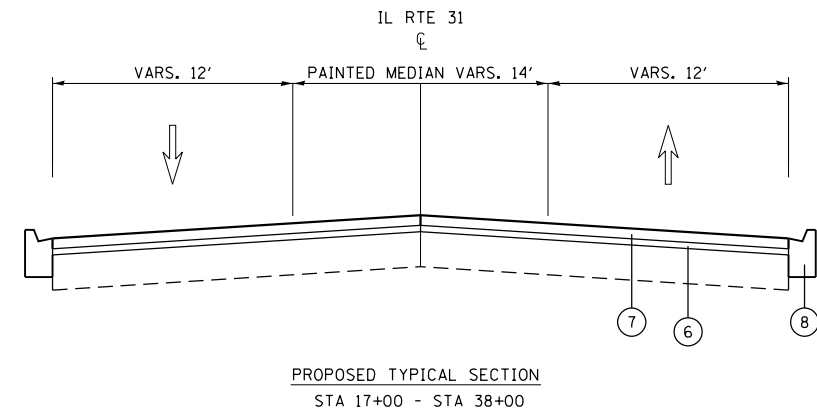
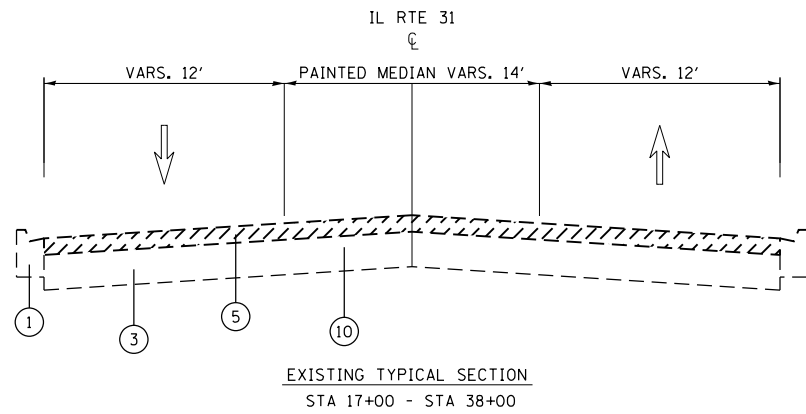
F.A.U. RTE. 3887	SECTION 2019-198-RS&SW	COUNTY KANE	TOTAL SHEETS 64	SHEET NO. 5
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 62K71	
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 URBAN	0021 TRAFFIC SIGNALS URBAN	0047 BRIDGE REPAIR URBAN	0005 NON-PARTICIPATING WORK (100% STATE) URBAN	0043 STORM SEWER 100% CITY OF ELGIN	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 URBAN	0021 TRAFFIC SIGNALS URBAN	0047 BRIDGE REPAIR URBAN	0005 NON-PARTICIPATING WORK (100% STATE) URBAN	0043 STORM SEWER 100% CITY OF ELGIN		
* 88600100	DETECTOR LOOP, TYPE I	FOOT	862		862				Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SO YD	2.8			2.8				
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	4760	4760					Z0016200	DECK SLAB REPAIR (PARTIAL)	SO YD	4.3			4.3				
89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	13	13	△														
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	877		877				Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	50				50			
89502376	REBUILD EXISTING HANDHOLE	EACH	14	14	△				Z0030850	TEMORARY INFORMATION SIGNING	SQ FT	208	208						
* 89502380	REMOVE EXISTING HANDHOLE	EACH	4		4				Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	70570	70570						
X0320015	MAINTENANCE OF TRAFFIC (ILLINOIS TOLLWAY)	L SUM	1	1					Z0064800	SELECTIVE CLEARING	UNITS	12	12						
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2			2				
X0323160	VIDEO INSPECTION OF STORM SEWER	FOOT	200					200	Z0076600	TRAINEES	hour	500	500						
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	167		167				Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	hour	500	500						
X0327979	PAVEMENT MARKING REMOVAL (GRINDING)	SQ FT	870			870													
* X0900027	PROTECTIVE SHIELD (PERMANENT) REMOVAL	SO FT	675			675													
X0327980	PAVEMENT MARKING REMOVAL (WATER BLASTING)	SQ FT	150			150													
* X2700003	GROOVING FOR RECESSED PAVEMENT MARKING	FOOT	4042	4042															
	8"																		
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRES	4.182	4.182															
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	150				150												
X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	100					100											
X6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	15	15															
	(SPECIAL)																		
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1															
X7010216	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1															
	(SPECIAL)																		
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	767			767													
* X8100105	CONDUIT SPLICE	EACH	2		2														
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	17.7			17.7											△ REV 5/18/2020 SEP		
Z0004562	COMBINATION CONCRETE CURB AND GUTTER	FOOT	8766	8766	△												Ø 0042		
	REMOVAL AND REPLACEMENT																REV+SEP		

\* SPECIALTY ITEM

**LEGEND**

- |   |  |   |
|---|--|---|
| 1. EXISTING COMBINATION CONCRETE CURB AND GUTTER B-6.12 | 5. PROPOSED HMA SURFACE REMOVAL, 2 1/4"  | 8. PROPOSED COMBINATION CONCRETE CURB AND GUTTER B-6.12 |
| 2. EXISTING COMBINATION CONCRETE CURB AND GUTTER B-6.24 | 6. PROPOSED POLY HMA ASPHALT BINDER COURSE IL-4.75, N50, 3/4"                      | 9. PROPOSED SIDEWALK                                    |
| 3. EXISTING BIT. BASE COURSE                            | 7. PROPOSED POLY HMA SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80, 1 3/4" | 10. EXISTING BIT. BASE COURSE                           |
| 4. EXISTING SIDEWALK                                    |  | 11. EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4"  |
|   |  | 12. PROPOSED CLASS B PATCHES, 11"                       |



HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	
<b>PAVEMENT</b>		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80	3.5% @ 80 GYR.	PPF
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50	3.5% @ 50 GYR.	QCP
HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19)	4.0% @ 90 GYR.	QC/QA
<b>PATCHING</b>		
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PPF)		

**NOTE**

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.  
 NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.  
 FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.  
 NOTE 3: "QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE"  
 NOTE 4: THE CONTRACTOR SHALL MILL BEFORE PATCHING  
 NOTE 5: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACE OVER THE POLYMERIZED BINDER IL-4.75

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTION  
 IL RTE. 31 (STROM DR. - WEST RD. (MENTAL HOSPITAL ENTRANCE))**

REVISED SHEET 05/18/2020

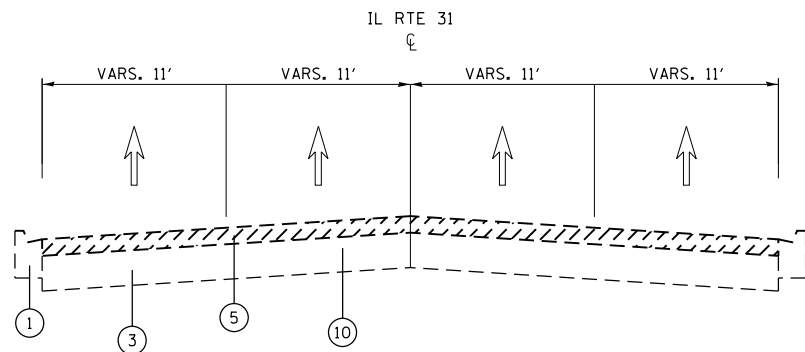
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	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	7
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				

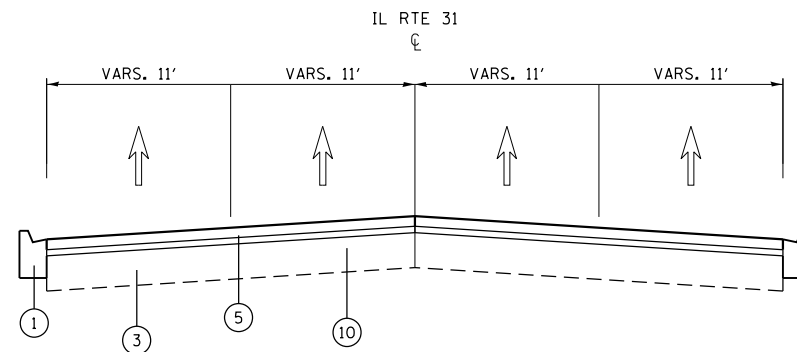
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**LEGEND**

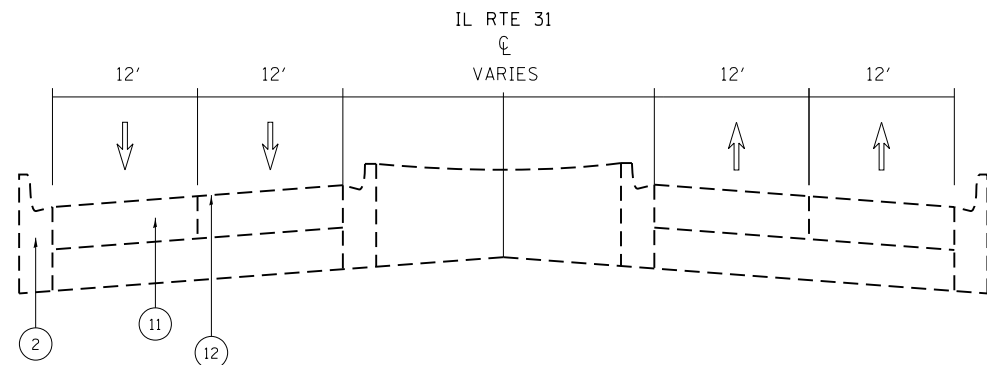
- |   |   |
|---|---|
| 1. EXISTING COMBINATION CONCRETE CURB AND GUTTER B-6.12                               | 8. PROPOSED COMBINATION CONCRETE CURB AND GUTTER B-6.12 |
| 2. EXISTING COMBINATION CONCRETE CURB AND GUTTER B-6.24                               | 9. PROPOSED SIDEWALK                                    |
| 3. EXISTING BIT. BASE COURSE  | 10. EXISTING BIT. BASE COURSE                           |
| 4. EXISTING SIDEWALK  | 11. EXISTING PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4"  |
| 5. PROPOSED HMA SURFACE REMOVAL, 2 1/4"   | 12. PROPOSED CLASS B PATCHES, 11"                       |
| 6. PROPOSED POLY HMA ASPHALT BINDER COURSE<br>IL-4.75, N50, 3/4"                      |   |
| 7. PROPOSED POLY HMA SURFACE COURSE, STONE MATRIX<br>ASPHALT, MIX F, 9.5, N80, 1 3/4" |   |



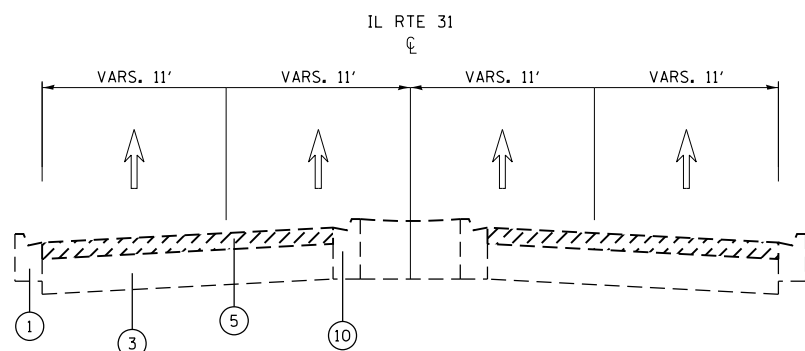
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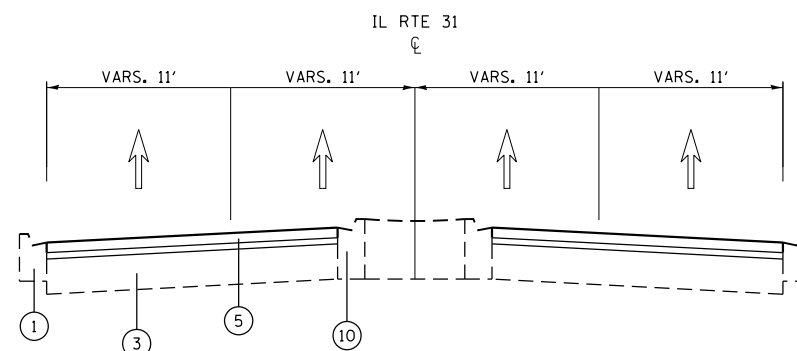
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EXISTING TYPICAL SECTION  
STA. 254+40 TO STA. 310+40.59



EXISTING TYPICAL SECTION  
STA 184+50 - STA 254+40  
STA 254+40 - STA 310+40.59



PROPOSED TYPICAL SECTION  
STA 184+50 - STA 254+40  
STA 254+40 - STA 310+40.59

REVISED SHEET 05/18/2020

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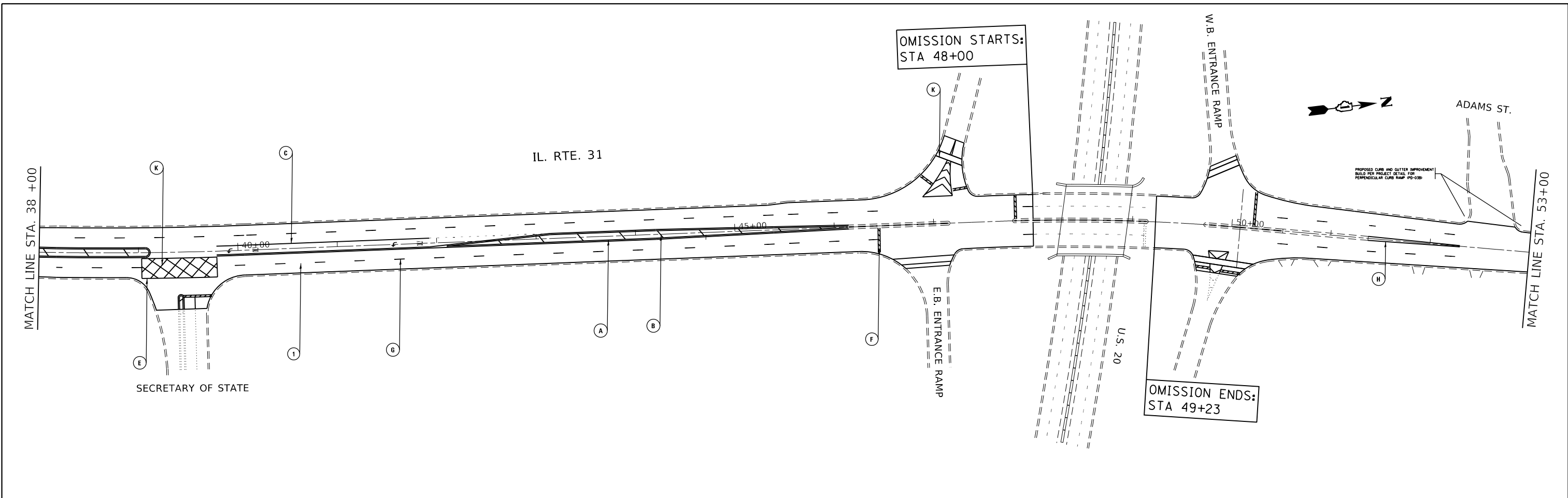
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PLOT DATE = 4/23/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING TYPICAL SECTION  
IL RTE 31 (WEST RD TO STROM DR)**

SCALE: SHEET OF SHEETS STA. TO STA.

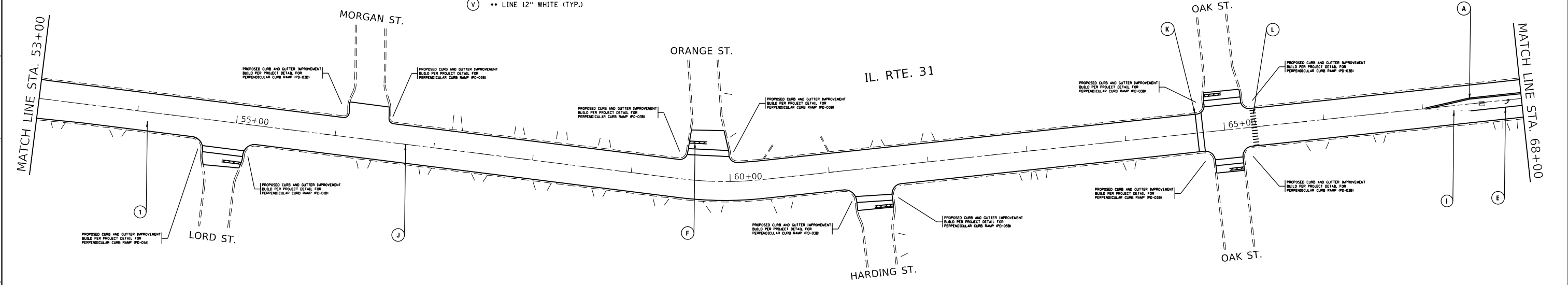
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	8
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

• = THERMOPLASTIC PAVEMENT MARKING -  
 \*\* = MODIFIED URETHANE PAVEMENT MARKING -

- |   |  |   |   |
|---|--|---|---|
| (A) • DOUBLE LINES 4", YELLOW (TYP.)            | (H) • LINE 4", YELLOW (TYP.)                               | (O) •• TURN LANE 6", WHITE (TYP.)                   | (1) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4" |
| (B) • MARKING-LINE 12", YELLOW (TYP.)           | (I) • LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)             | (P) •• LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)     | PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"   |
| (C) • TURN LANE MARKING-LINE 6", WHITE (TYP.)   | (J) • LINE 4", 10' DASH-30'SKIP, YELLOW (TYP.)             | (Q) •• LINE 4", YELLOW (TYP.)                       | PROP. HMA SURFACE REMOVAL 2 1/2"  |
| (D) • LINE 8", WHITE (TYP.)                     | (K) • LINE PEDESTRIAN CROSSWALK 6", WHITE (TYP.)           | (R) •• TYPE B 7" SKIP, WHITE (TYP.)                 | PROP. CLASS D PATCHES, 14"  |
| (E) • LINE 12", WHITE (TYP.)                    | (L) • LINE PAVEMENT SCHOOL CROSSWALK 12", WHITE (TYP.)     | (S) •• STOP MARKING-LINE 24", WHITE (TYP.)          | (2) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4" |
| (F) • STOP LINE 24", WHITE (TYP.)               | (M) • LINE 4", WHITE - PARKING LANE (TYP.)                 | (T) PROP. GROOVING FOR RECESSED PAVEMENT MARKING 5" | PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"   |
| (G) • LINE, 4", 10' DASH-30' SKIP, WHITE (TYP.) | (N) • LINE, 4", 10' DASH-30' SKIP, WHITE LANE LINES (TYP.) | (U) •• LINE 8" WHITE (TYP.)                         | PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19)                      |
|   |  | (V) •• LINE 12" WHITE (TYP.)                        | (3) PROP. CLASS B PATCHES, 10" (LOCATION TO BE DETERMINED BY ENGINEER)                  |



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REVISED SHEET 05/18/2020

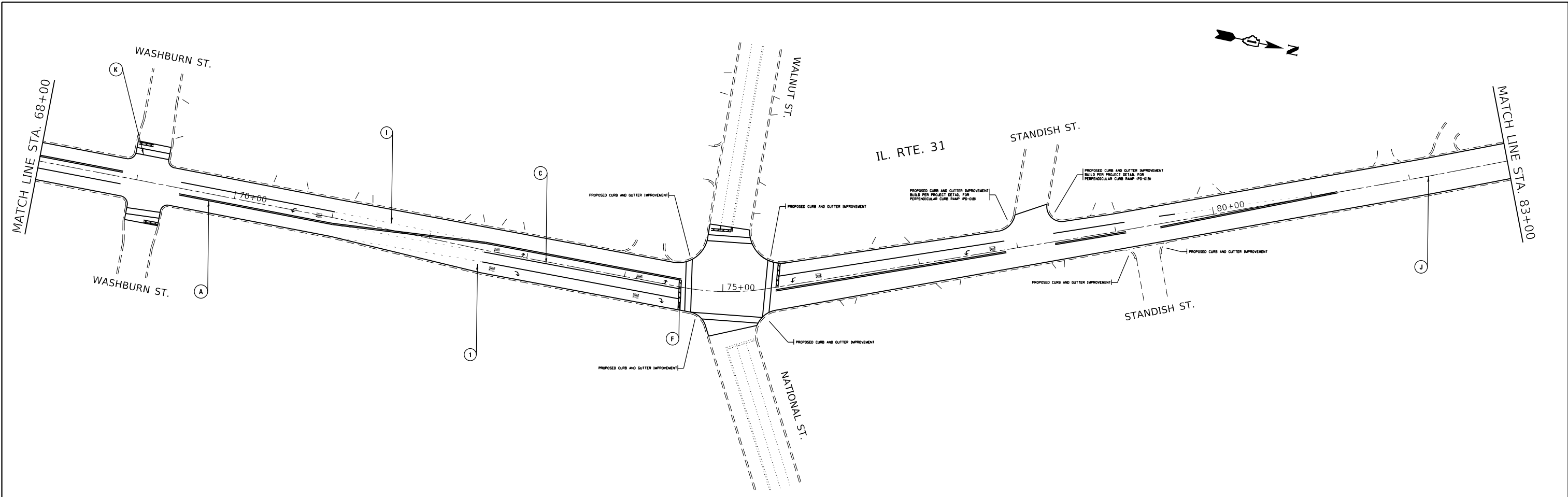
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PLOT DATE = 4/23/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
 IL. RTE. 31 (STROM DR. - WEST RD. (MENTAL HOSPITAL ENTRANCE))**

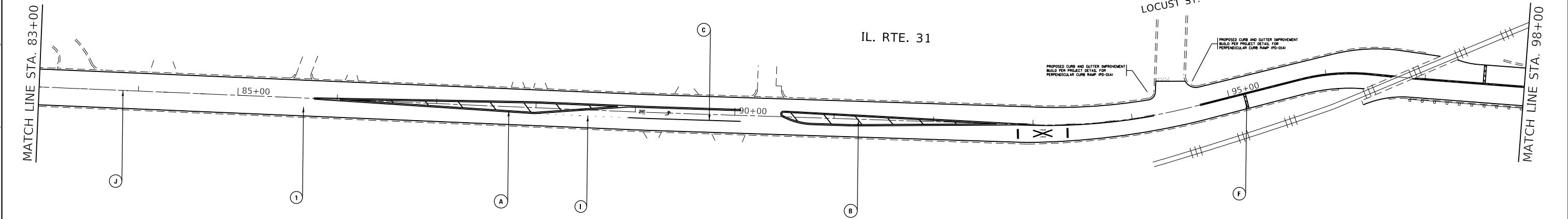
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	10
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

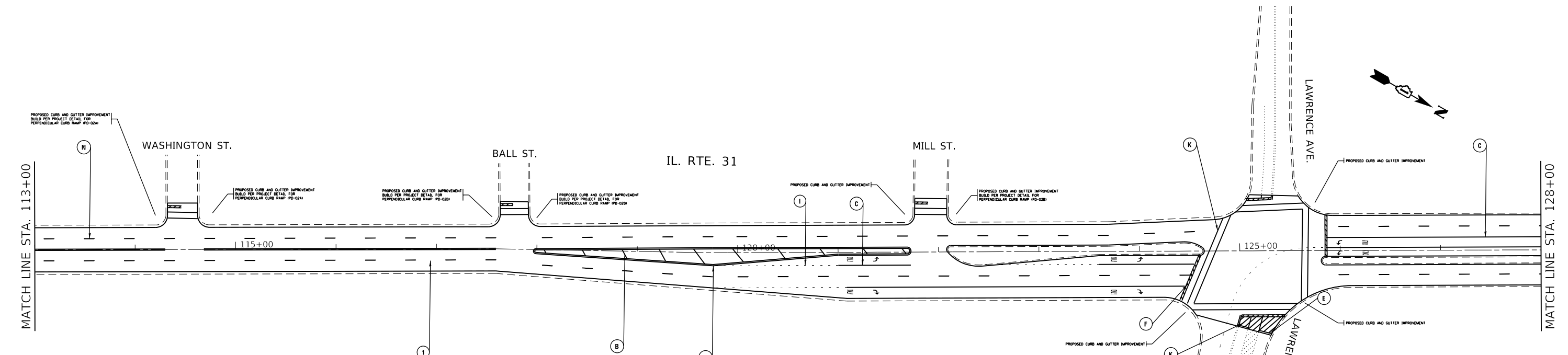
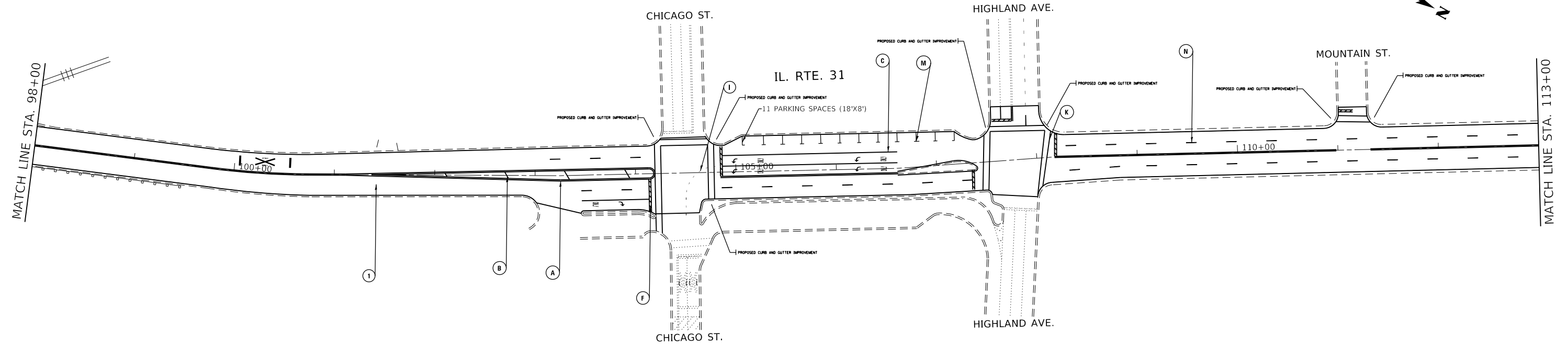
- = THERMOPLASTIC PAVEMENT MARKING -
  - \*\* = MODIFIED URETHANE PAVEMENT MARKING -
- |   |  |  |   |
|---|--|--|---|
| <ul style="list-style-type: none"> <li>(A) • DOUBLE LINES 4", YELLOW (TYP.)</li> <li>(B) • MARKING-LINE 12", YELLOW (TYP.)</li> <li>(C) • TURN LANE MARKING-LINE 6", WHITE (TYP.)</li> <li>(D) • LINE 8", WHITE (TYP.)</li> <li>(E) • LINE 12", WHITE (TYP.)</li> <li>(F) • STOP LINE 24", WHITE (TYP.)</li> <li>(G) • LINE, 4", 10' DASH-30' SKIP, WHITE (TYP.)</li> </ul> | <ul style="list-style-type: none"> <li>(H) • LINE 4", YELLOW (TYP.)</li> <li>(I) • LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)</li> <li>(J) • LINE 4", 10' DASH-30'SKIP, YELLOW (TYP.)</li> <li>(K) • LINE PEDESTRIAN CROSSWALK 6", WHITE (TYP.)</li> <li>(L) • LINE PAVEMENT SCHOOL CROSSWALK 12", WHITE (TYP.)</li> <li>(M) • LINE 4", WHITE - PARKING LANE (TYP.)</li> <li>(N) • LINE, 4", 10' DASH-30' SKIP, WHITE LANE LINES (TYP.)</li> </ul> | <ul style="list-style-type: none"> <li>(O) •• TURN LANE 6", WHITE (TYP.)</li> <li>(P) •• LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)</li> <li>(Q) •• LINE 4", YELLOW (TYP.)</li> <li>(R) •• TYPE B 7" SKIP, WHITE (TYP.)</li> <li>(S) •• STOP MARKING-LINE 24", WHITE (TYP.)</li> <li>(T) PROP. GROOVING FOR RECESSED PAVEMENT MARKING 5"</li> <li>(U) •• LINE 8" WHITE (TYP.)</li> <li>(V) •• LINE 12" WHITE (TYP.)</li> </ul> | <ul style="list-style-type: none"> <li>(1) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4"<br/>PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"<br/>PROP. HMA SURFACE REMOVAL 2 1/2"<br/>PROP. CLASS D PATCHES, 14"</li> <li>(2) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4"<br/>PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"<br/>PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19)</li> <li>(3) PROP. CLASS B PATCHES, 10" (LOCATION TO BE DETERMINED BY ENGINEER)</li> </ul> |
|---|--|--|---|



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REVISED SHEET 05/18/2020

	USER NAME = khans	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN</b> <b>IL. RTE. 31 (STROM DR. - WEST RD. (MENTAL HOSPITAL ENTRANCE))</b>				F.A.U. RTE. 3887	SECTION 2019-198-R5&SW	COUNTY KANE	TOTAL SHEETS 64	SHEET NO. 11
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62K71	
	PLOT DATE = 4/23/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



**PAVEMENT MARKING LEGEND**

- • THERMOPLASTIC PAVEMENT MARKING -
  - \*\* MODIFIED URETHANE PAVEMENT MARKING -
- |   |  |   |
|---|--|---|
| (A) • DOUBLE LINES 4", YELLOW (TYP.)            | (H) • LINE 4", YELLOW (TYP.)                               | (O) •• TURN LANE 6", WHITE (TYP.)                   |
| (B) • MARKING-LINE 12", YELLOW (TYP.)           | (I) • LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)             | (P) •• LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)     |
| (C) • TURN LANE MARKING-LINE 6", WHITE (TYP.)   | (J) • LINE 4", 10' DASH-30'SKIP, YELLOW (TYP.)             | (Q) •• LINE 4", YELLOW (TYP.)                       |
| (D) • LINE 8", WHITE (TYP.)                     | (K) • LINE PEDESTRIAN CROSSWALK 6", WHITE (TYP.)           | (R) •• TYPE B 7" SKIP, WHITE (TYP.)                 |
| (E) • LINE 12", WHITE (TYP.)                    | (L) • LINE PAVEMENT SCHOOL CROSSWALK 12", WHITE (TYP.)     | (S) •• STOP MARKING-LINE 24", WHITE (TYP.)          |
| (F) • STOP LINE 24", WHITE (TYP.)               | (M) • LINE 4", WHITE - PARKING LANE (TYP.)                 | (T) PROP. GROOVING FOR RECESSED PAVEMENT MARKING 5" |
| (G) • LINE, 4", 10' DASH-30' SKIP, WHITE (TYP.) | (N) • LINE, 4", 10' DASH-30' SKIP, WHITE LANE LINES (TYP.) | (U) •• LINE 8" WHITE (TYP.)                         |
|   |  | (V) •• LINE 12" WHITE (TYP.)                        |

- |   |   |
|---|---|
| (1) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4" | (2) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4" |
| PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"   | PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"   |
| PROP. HMA SURFACE REMOVAL 2 1/2"  | PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19)                      |
| PROP. CLASS D PATCHES, 14"  |   |
| (3) PROP. CLASS B PATCHES, 10" (LOCATION TO BE DETERMINED BY ENGINEER)                  |   |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
IL. RTE. 31 (STROM DR. - WEST RD. (MENTAL HOSPITAL ENTRANCE))**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

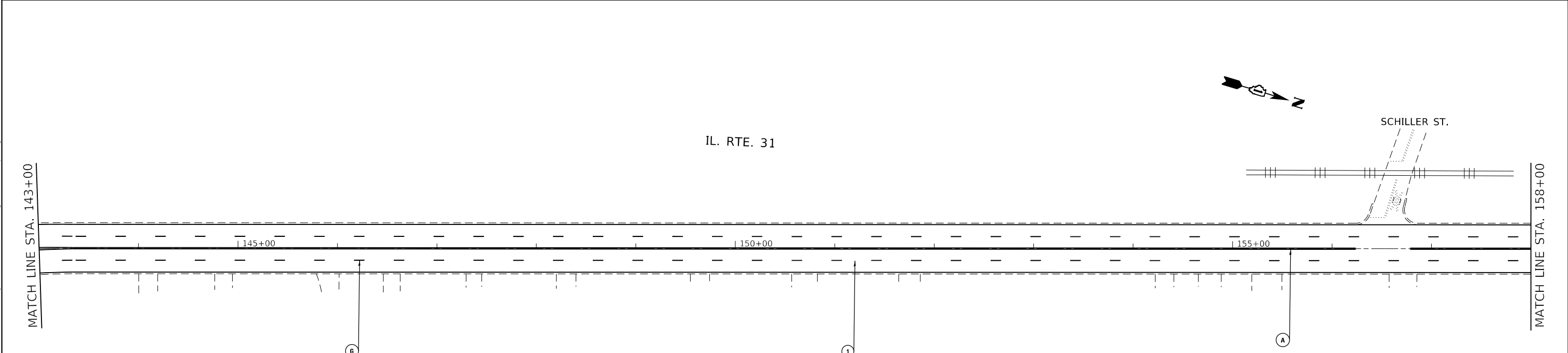
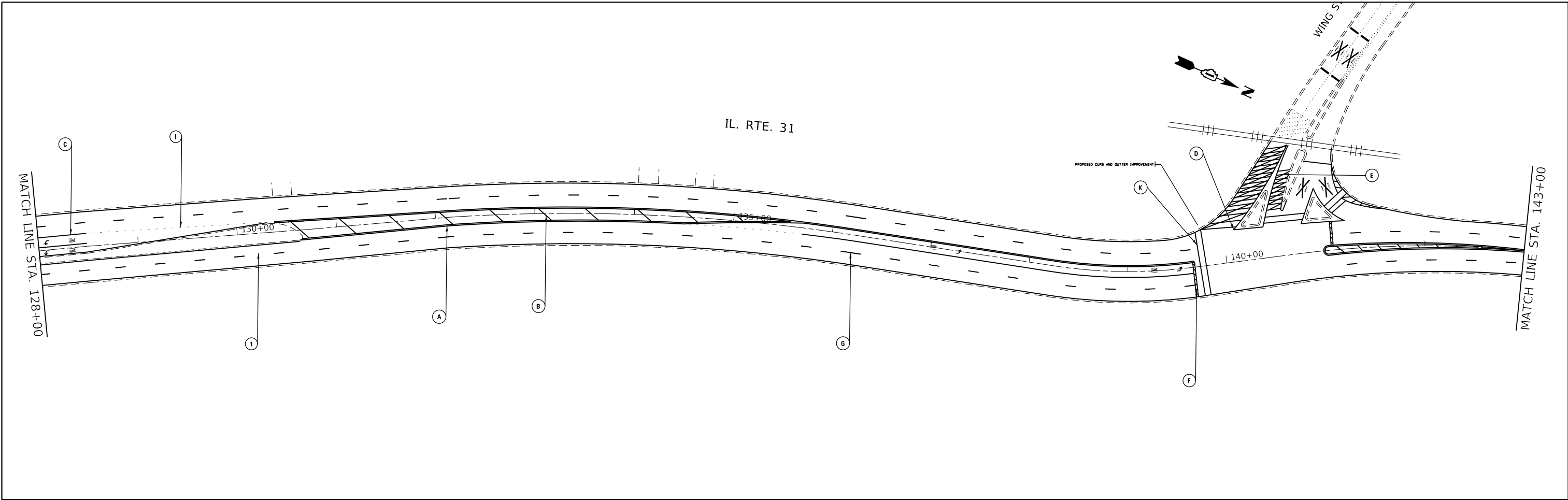
REVISED SHEET 05/18/2020

USER NAME = khans	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/23/2020	CHECKED -	REVISED -
	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	12
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				

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**PAVEMENT MARKING LEGEND**

- = THERMOPLASTIC PAVEMENT MARKING -
- \*\* = MODIFIED URETHANE PAVEMENT MARKING -
- (A) • DOUBLE LINES 4", YELLOW (TYP.)
- (B) • MARKING-LINE 12", YELLOW (TYP.)
- (C) • TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (D) • LINE 8", WHITE (TYP.)
- (E) • LINE 12", WHITE (TYP.)
- (F) • STOP LINE 24", WHITE (TYP.)
- (G) • LINE, 4", 10' DASH-30' SKIP, WHITE (TYP.)
- (H) • LINE 4", YELLOW (TYP.)
- (I) • LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)
- (J) • LINE 4", 10' DASH-30'SKIP, YELLOW (TYP.)
- (K) • LINE PEDESTRIAN CROSSWALK 6", WHITE (TYP.)
- (L) • LINE PAVEMENT SCHOOL CROSSWALK 12", WHITE (TYP.)
- (M) • LINE 4", WHITE - PARKING LANE (TYP.)
- (N) • LINE, 4", 10' DASH-30' SKIP, WHITE LANE LINES (TYP.)
- (O) •• TURN LANE 6", WHITE (TYP.)
- (P) •• LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)
- (Q) •• LINE 4", YELLOW (TYP.)
- (R) •• TYPE B 7" SKIP, WHITE (TYP.)
- (S) •• STOP MARKING-LINE 24", WHITE (TYP.)
- (T) PROP. GROOVING FOR RECESSED PAVEMENT MARKING 5"
- (U) •• LINE 8" WHITE (TYP.)
- (V) •• LINE 12" WHITE (TYP.)

- (1) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80 1 3/4"  
PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"  
PROP. HMA SURFACE REMOVAL 2 1/2"  
PROP. CLASS D PATCHES, 14"
- (2) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4"  
PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"  
PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19)
- (3) PROP. CLASS B PATCHES, 10" (LOCATION TO BE DETERMINED BY ENGINEER)

MODEL: Default  
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USER NAME = khans	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 4/23/2020	CHECKED -	REVISED -
	DATE -	REVISED -

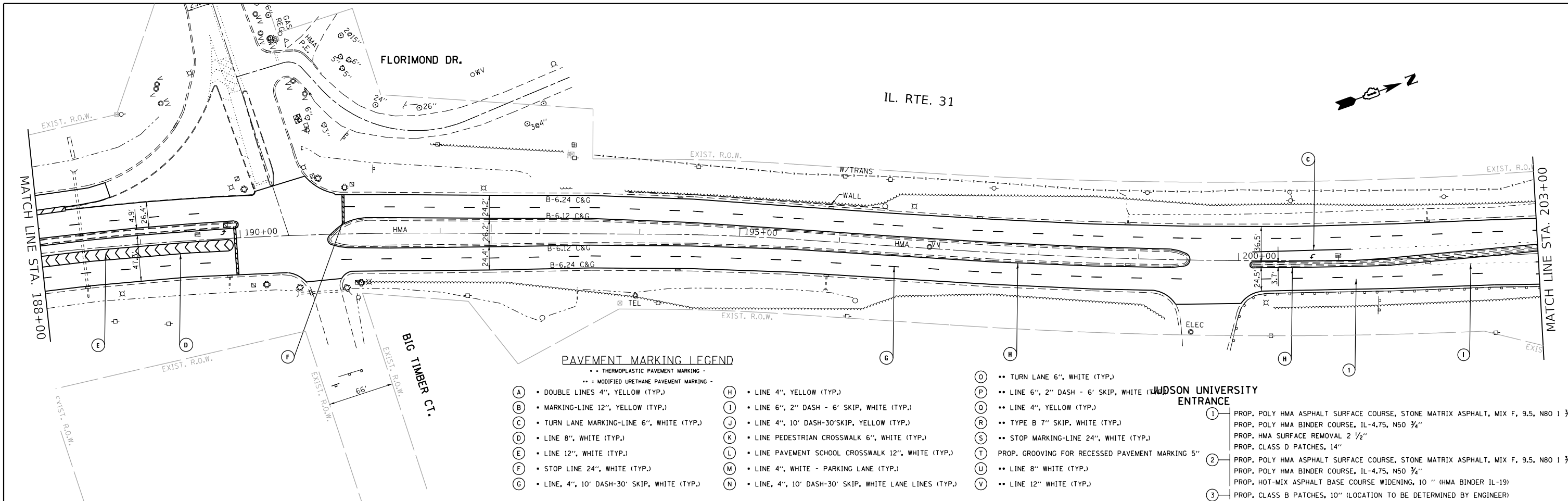
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
IL. RTE. 31 (STROM DR. - WEST RD. (MENTAL HOSPITAL ENTRANCE))**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 3887	SECTION 2019-198-R5&SW	COUNTY KANE	TOTAL SHEETS 64	SHEET NO. 13
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				

REVISED SHEET 05/18/2020

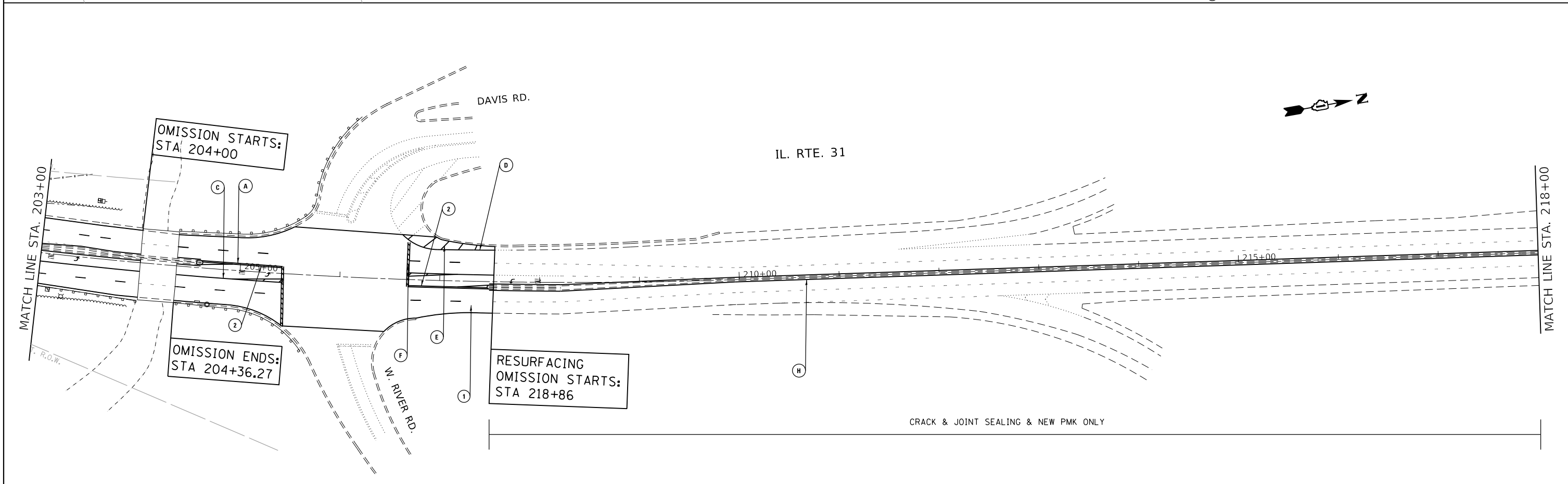


**PAVEMENT MARKING LEGEND**

- = THERMOPLASTIC PAVEMENT MARKING
- = MODIFIED URETHANE PAVEMENT MARKING
- (A) • DOUBLE LINES 4", YELLOW (TYP.)
- (B) • MARKING-LINE 12", YELLOW (TYP.)
- (C) • TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (D) • LINE 8", WHITE (TYP.)
- (E) • LINE 12", WHITE (TYP.)
- (F) • STOP LINE 24", WHITE (TYP.)
- (G) • LINE, 4", 10' DASH-30' SKIP, WHITE (TYP.)
- (H) • LINE 4", YELLOW (TYP.)
- (I) • LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)
- (J) • LINE 4", 10' DASH-30'SKIP, YELLOW (TYP.)
- (K) • LINE PEDESTRIAN CROSSWALK 6", WHITE (TYP.)
- (L) • LINE PAVEMENT SCHOOL CROSSWALK 12", WHITE (TYP.)
- (M) • LINE 4", WHITE - PARKING LANE (TYP.)
- (N) • LINE, 4", 10' DASH-30' SKIP, WHITE LANE LINES (TYP.)
- (O) •• TURN LANE 6", WHITE (TYP.)
- (P) •• LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)
- (Q) •• LINE 4", YELLOW (TYP.)
- (R) •• TYPE B 7" SKIP, WHITE (TYP.)
- (S) •• STOP MARKING-LINE 24", WHITE (TYP.)
- (T) PROP. GROOVING FOR RECESSED PAVEMENT MARKING 5"
- (U) •• LINE 8" WHITE (TYP.)
- (V) •• LINE 12" WHITE (TYP.)

**ROADWAY ENTRANCE**

- (1) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4"  
PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"  
PROP. HMA SURFACE REMOVAL 2 1/2"  
PROP. CLASS D PATCHES, 14"
- (2) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4"  
PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"  
PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19)
- (3) PROP. CLASS B PATCHES, 10" (LOCATION TO BE DETERMINED BY ENGINEER)



RESURFACING  
OMISSION STARTS:  
STA 218+86

OMISSION STARTS:  
STA 204+00

OMISSION ENDS:  
STA 204+36.27

CRACK & JOINT SEALING & NEW PMK ONLY

MODEL: 340DELMNAMES  
FILE: 340DELMNAMES

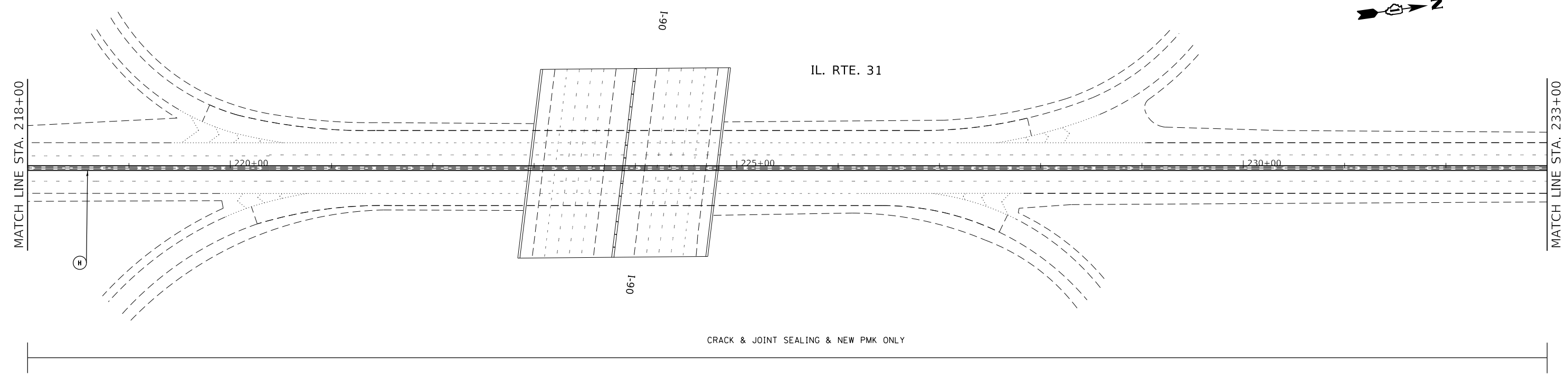
REVISED SHEET 05/18/2020

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**  
**IL. RTE. 31 (STROM DR. - WEST RD. (MENTAL HOSPITAL ENTRANCE))**  
SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

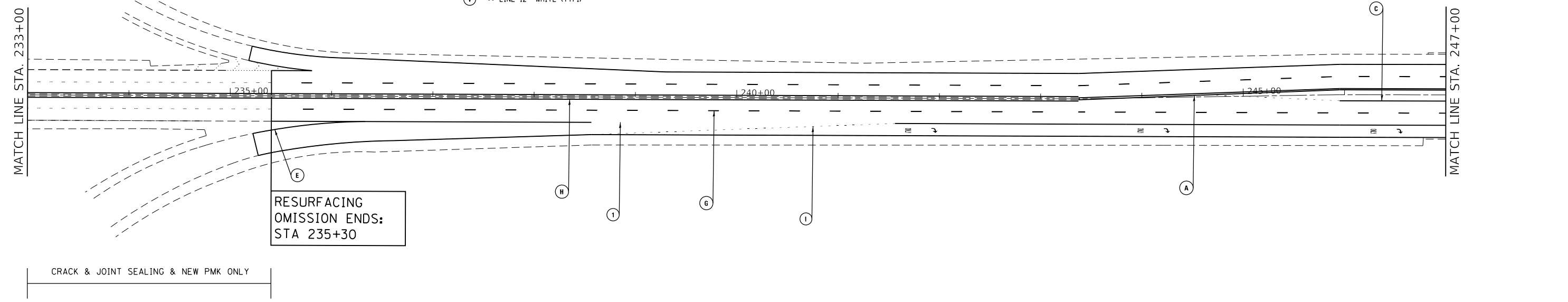
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	15
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

• = THERMOPLASTIC PAVEMENT MARKING -  
 \*\* = MODIFIED URETHANE PAVEMENT MARKING -

- |   |  |   |   |
|---|--|---|---|
| (A) • DOUBLE LINES 4", YELLOW (TYP.)            | (H) • LINE 4", YELLOW (TYP.)                               | (O) •• TURN LANE 6", WHITE (TYP.)                   | (1) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4" |
| (B) • MARKING-LINE 12", YELLOW (TYP.)           | (I) • LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)             | (P) •• LINE 6", 2" DASH - 6' SKIP, WHITE (TYP.)     | PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"   |
| (C) • TURN LANE MARKING-LINE 6", WHITE (TYP.)   | (J) • LINE 4", 10' DASH-30'SKIP, YELLOW (TYP.)             | (Q) •• LINE 4", YELLOW (TYP.)                       | PROP. HMA SURFACE REMOVAL 2 1/2"  |
| (D) • LINE 8", WHITE (TYP.)                     | (K) • LINE PEDESTRIAN CROSSWALK 6", WHITE (TYP.)           | (R) •• TYPE B 7" SKIP, WHITE (TYP.)                 | PROP. CLASS D PATCHES, 14"  |
| (E) • LINE 12", WHITE (TYP.)                    | (L) • LINE PAVEMENT SCHOOL CROSSWALK 12", WHITE (TYP.)     | (S) •• STOP MARKING-LINE 24", WHITE (TYP.)          | (2) PROP. POLY HMA ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, MIX F, 9.5, N80 1 3/4" |
| (F) • STOP LINE 24", WHITE (TYP.)               | (M) • LINE 4", WHITE - PARKING LANE (TYP.)                 | (T) PROP. GROOVING FOR RECESSED PAVEMENT MARKING 5" | PROP. POLY HMA BINDER COURSE, IL-4.75, N50 3/4"   |
| (G) • LINE, 4", 10' DASH-30' SKIP, WHITE (TYP.) | (N) • LINE, 4", 10' DASH-30' SKIP, WHITE LANE LINES (TYP.) | (U) •• LINE 8" WHITE (TYP.)                         | PROP. HOT-MIX ASPHALT BASE COURSE WIDENING, 10" (HMA BINDER IL-19)                      |
|   |  | (V) •• LINE 12" WHITE (TYP.)                        | (3) PROP. CLASS B PATCHES, 10" (LOCATION TO BE DETERMINED BY ENGINEER)                  |



MODEL: Default  
 FILE NAME: p:\pub\lanscom.dwt\ilroads\pww\DOT\Documents\DOT Office\District 1\Projects\ID136820\CADD\Drawings\ID136820-sh-c-lan.dgn

REVISED SHEET 05/18/2020

USER NAME = khans PLOT SCALE = 99.9971 ' / in. PLOT DATE = 4/24/2020	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY PLAN</b> <b>IL. RTE. 31 (STROM DR. - WEST RD. (MENTAL HOSPITAL ENTRANCE))</b>				F.A.U. RTE. 3887	SECTION 2019-198-R5&SW	COUNTY KANE	TOTAL SHEETS 64	SHEET NO. 16
				SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62K71 ILLINOIS FED. AID PROJECT	

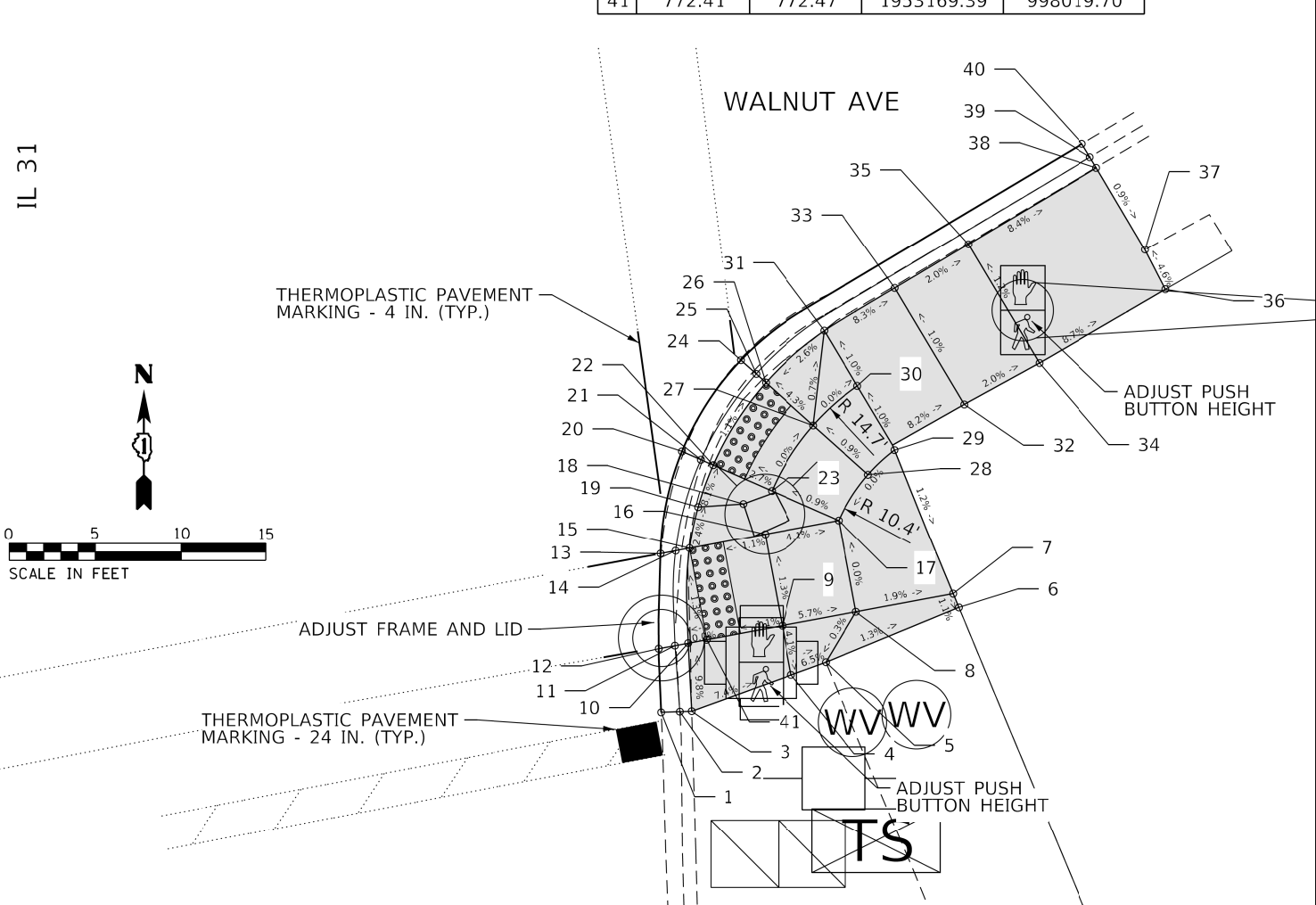
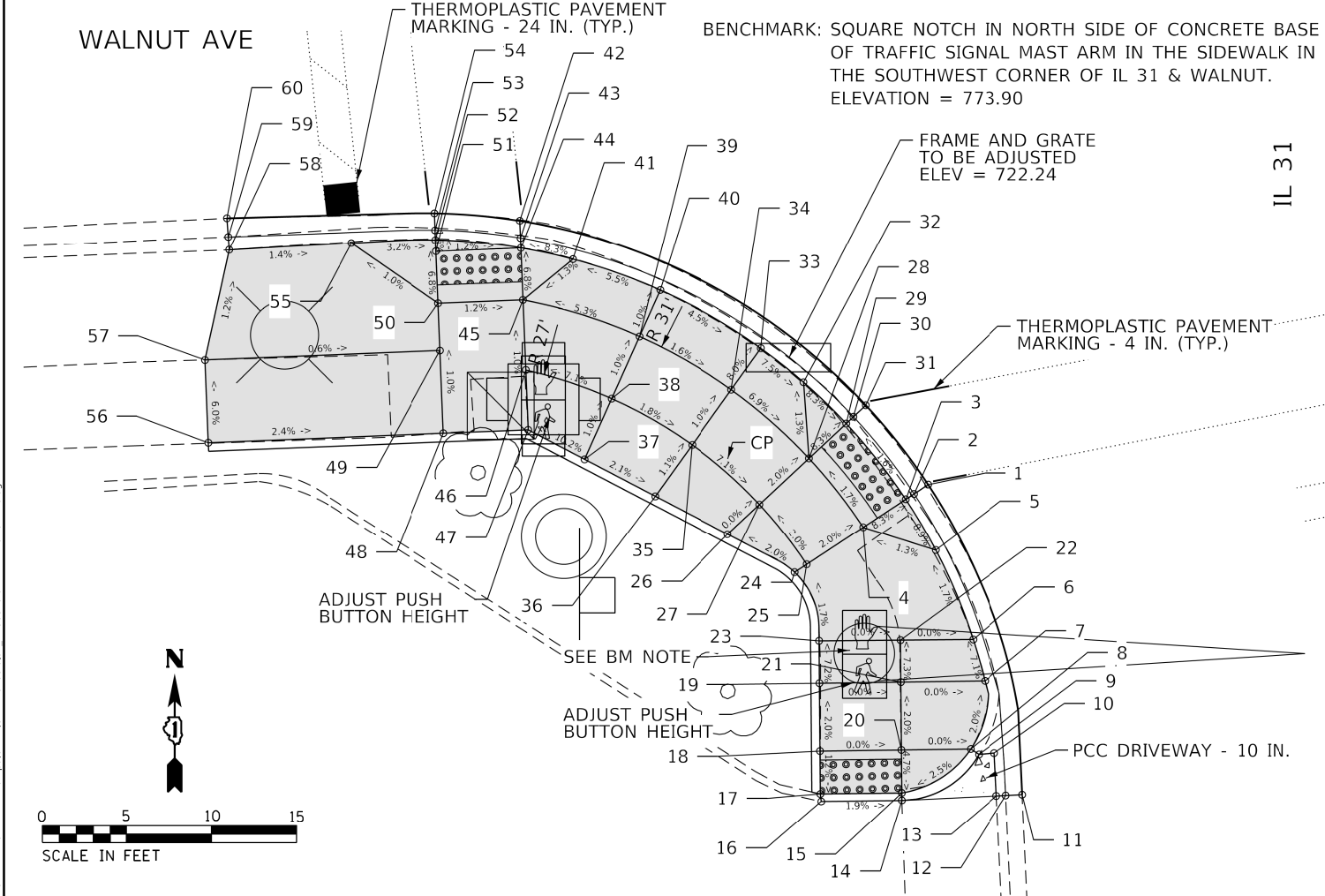
	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	772.62	772.62	1953159.28	997965.97
2	772.59	772.60	1953158.73	997965.14
3	772.63	772.64	1953158.41	997964.65
4	772.84	772.89	1953156.76	997962.15
5	772.94	772.95	1953155.39	997966.43
6	773.11	773.05	1953150.10	997968.64
7	773.19	773.23	1953147.66	997969.33
8	773.29	773.31	1953143.65	997968.49
9	772.77	772.77	1953143.33	997968.97
10	772.71	772.71	1953143.41	997969.91
11	772.74	772.74	1953140.95	997971.56
12	772.75	772.75	1953140.90	997970.59
13	772.72	772.72	1953140.88	997970.03
14	773.19	773.19	1953140.61	997964.42
15	773.19	773.19	1953141.06	997964.42
16	773.28	773.28	1953140.55	997959.67
17	773.28	773.28	1953140.99	997959.62
18	773.24	773.31	1953143.53	997959.59
19	773.23	773.23	1953147.53	997959.56
20	773.19	773.31	1953143.60	997964.40

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
21	773.19	773.23	1953147.6	997964.36
22	773.19	773.05	1953150.07	997964.34
23	773.21	773.05	1953150.03	997959.54
24	773.16	772.97	1953154.08	997958.10
25	773.11	772.97	1953154.55	997958.81
26	773.19	772.88	1953156.34	997954.13
27	773.05	772.88	1953158.10	997956.02
28	772.67	772.80	1953160.82	997958.94
29	772.50	772.55	1953162.87	997961.14
30	772.45	772.51	1953163.27	997961.56
31	772.53	772.53	1953163.95	997962.30
32	772.76	772.74	1953165.3	997958.62
33	772.80	772.98	1953167.30	997956.11
34	772.98	773.22	1953164.86	997954.35
35	773.13	773.26	1953161.61	997952.02
36	773.26	773.30	1953158.59	997949.85
37	773.29	773.40	1953160.76	997945.68
38	773.23	773.36	1953164.34	997947.28
39	773.05	773.32	1953167.99	997948.91
40	772.97	773.29	1953170.73	997950.14

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
41	773.08	772.99	1953172.55	997945.00
42	772.71	772.71	1953174.83	997941.88
43	772.69	772.69	1953173.81	997941.92
44	772.80	772.73	1953173.21	997941.94
45	772.92	772.94	1953170.14	997942.06
46	773.15	772.98	1953166.02	997942.23
47	773.31	773.02	1953162.50	997942.37
48	773.35	773.08	1953162.30	997937.37
49	773.12	773.03	1953167.16	997937.18
50	773.08	773.00	1953169.94	997937.07
51	772.88	772.79	1953173.01	997936.94
52	772.78	772.78	1953173.69	997936.92
53	772.75	772.74	1953174.27	997936.89
54	772.76	772.76	1953175.27	997936.85
55	773.15	772.94	1953173.51	997931.92
56	773.41	773.41	1953161.74	997923.49
57	773.12	773.12	1953166.61	997923.3
58	773.04	773.04	1953173.11	997924.73
59	772.73	772.73	1953173.87	997924.67
60	772.93	772.93	1953174.98	997924.59

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	772.56	772.56	1953165.15	998017.05
2	772.44	772.44	1953165.19	998018.14
3	772.86	772.86	1953165.21	998018.83
4	772.40	772.40	1953167.33	998024.65
5	772.26	772.26	1953168.07	998026.69
6	772.15	772.15	1953171.27	998034.45
7	772.16	772.16	1953172.08	998034.11
8	772.07	772.27	1953171.02	998028.44
9	772.44	772.52	1953170.21	998024.11
10	772.38	772.47	1953169.19	998018.62
11	772.41	772.43	1953169.04	998017.85
12	772.51	772.47	1953168.86	998016.91
13	772.33	772.37	1953174.43	998017.01
14	772.27	772.36	1953174.60	998017.89
15	772.25	772.40	1953174.75	998018.70
16	772.33	772.45	1953175.57	998023.11
17	772.31	772.27	1953176.38	998027.44
18	772.25	772.45	1953177.34	998021.84
19	772.23	772.34	1953177.17	998019.20
20	772.21	772.13	1953180.41	998018.26

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
21	772.15	772.09	1953179.93	998019.36
22	772.17	772.13	1953179.61	998020.08
23	772.29	772.23	1953178.11	998023.50
24	771.97	772.05	1953185.73	998021.69
25	771.94	772.03	1953184.93	998022.59
26	772.13	772.07	1953184.42	998023.15
27	772.23	772.23	1953181.92	998025.94
28	772.31	772.27	1953179.06	998029.15
29	772.27	772.27	1953180.49	998030.70
30	772.20	772.23	1953184.23	998028.52
31	772.12	772.19	1953187.45	998026.60
32	771.87	771.87	1953183.14	998034.76
33	771.81	771.79	1953189.93	998030.71
34	771.77	771.77	1953185.56	998039.14
35	771.60	771.69	1953192.50	998035.00
36	771.03	771.03	1953189.86	998046.53
37	770.91	770.91	1953192.18	998045.34
38	770.96	770.96	1953196.97	998042.48
39	770.35	770.35	1953197.59	998042.11
40	770.35	770.35	1953198.37	998041.65
41	772.41	772.47	1953169.39	998019.70



CONTROL POINT: CP#1  
 ELEVATION: 773.13  
 NORTHING: 1953160.79  
 EASTING: 997954.15  
 DESCRIPTION: "X" IN SIDEWALK IN THE SW CORNER OF IL 31 & WALNUT

LEGEND	
	PROPOSED SIDE CURB (TYPE B)
	EXISTING LENGTH
	EXISTING ELEVATION
	PROPOSED SIDEWALK
	CLASS D PATCH
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	REPLACE W/TOPSOIL & SOD
	TURNING SPACE

CONTROL POINT: CP#1  
 ELEVATION: 773.13  
 NORTHING: 1953160.79  
 EASTING: 997954.15  
 DESCRIPTION: "X" IN SIDEWALK IN THE SW CORNER OF IL 31 & WALNUT



USER NAME = LGarrett	DESIGNED - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

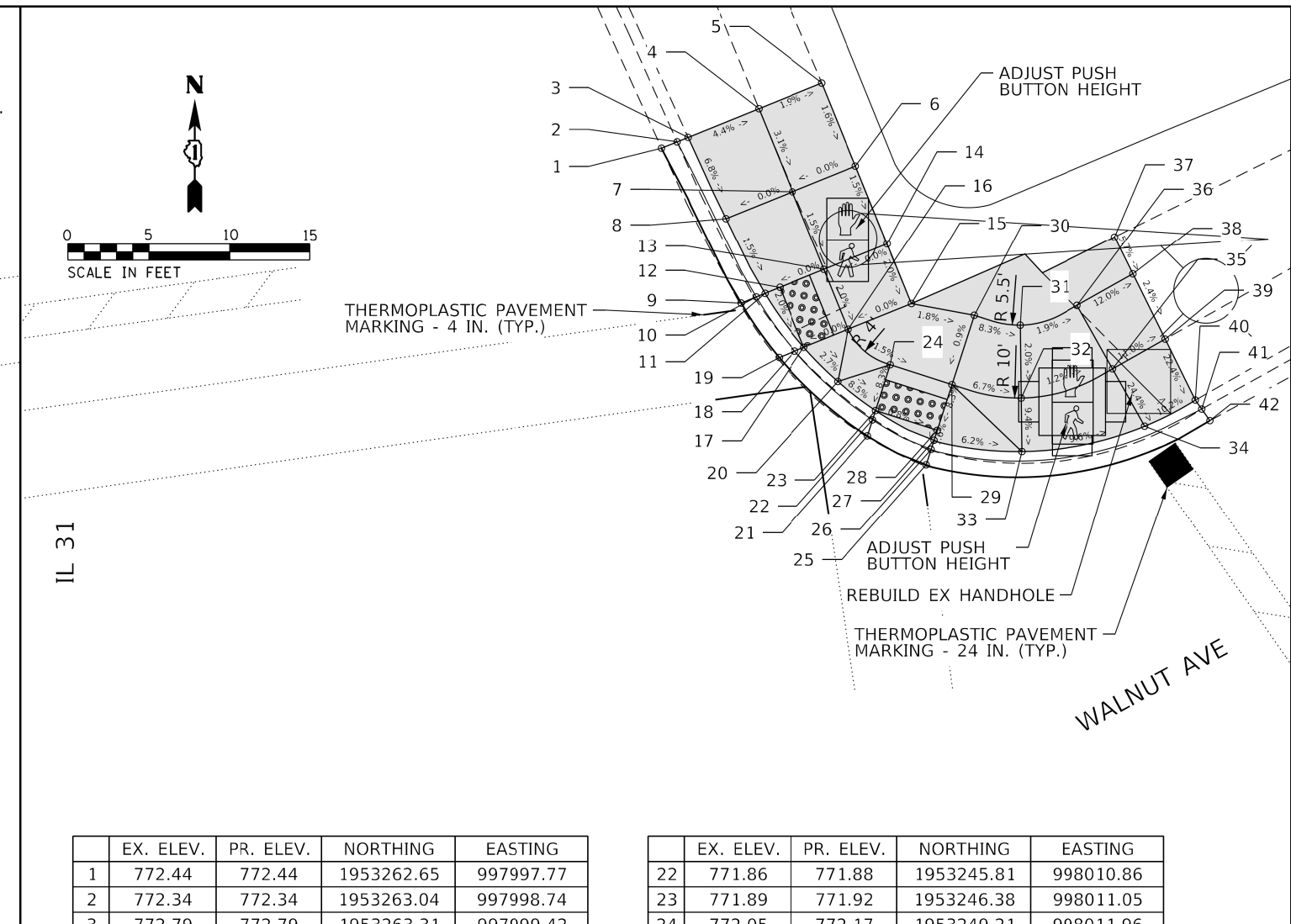
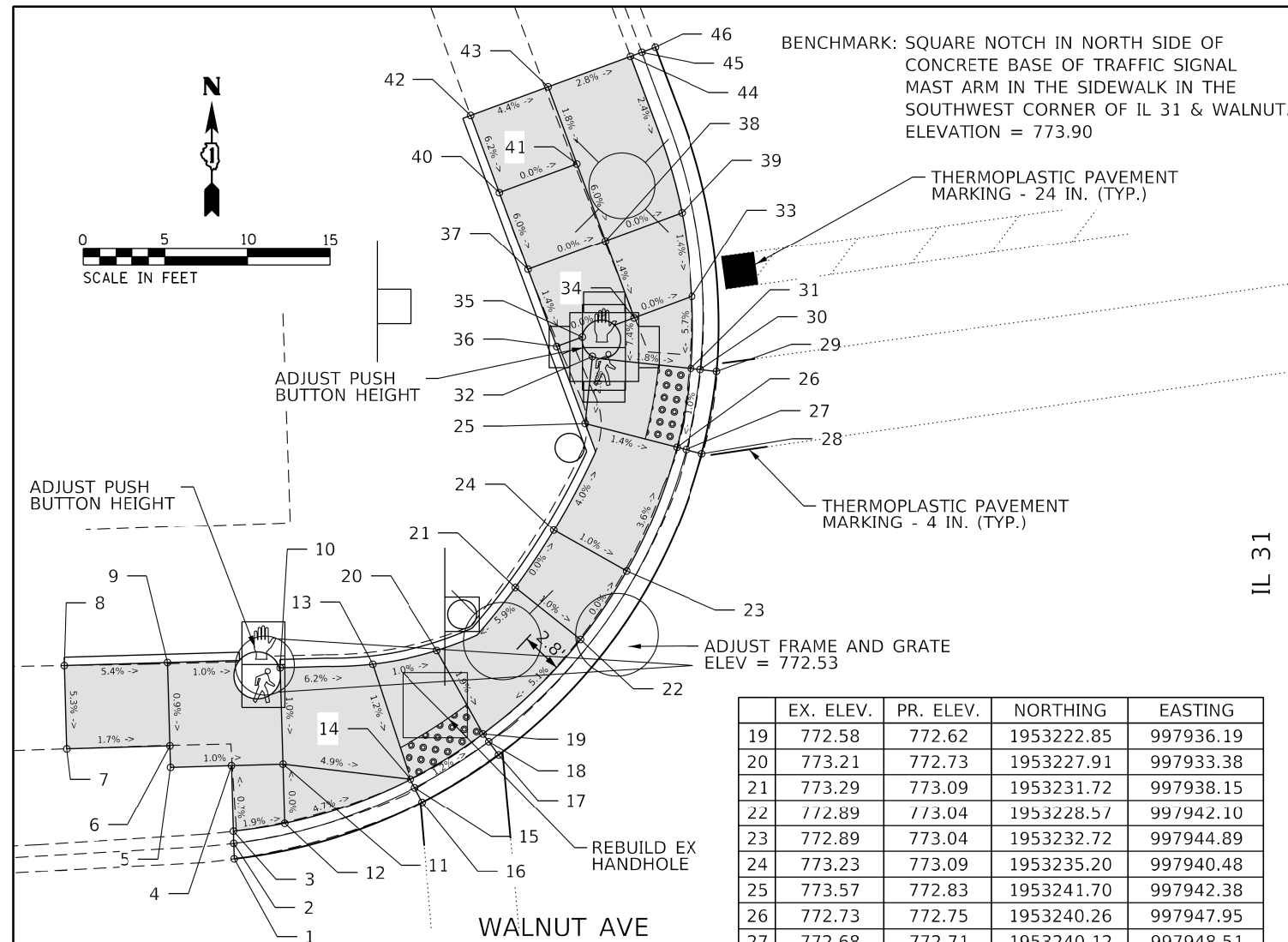
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
 WALNUT AVE. TO WING ST.  
 SCALE: 1" = 10'

F.A.U. RTE. 3887	SECTION 2019-198-R5&SW	COUNTY KANE	TOTAL SHEETS 64	SHEET NO. 25A
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE NAME: 3/13/2020\201016-PTB 177-004 D1 - 021W0 20 - 62K71 IL 31 - ADA Ramps\CADD\CADD Sheets\01\_D138820-PTB-ADA-Walnut-Ave.dgn

SHEET ADDED 05/18/2020



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	772.81	772.81	1953215.24	997921.06
2	772.68	772.68	1953216.18	997921.03
3	773.12	773.12	1953216.92	997921.01
4	773.15	773.09	1953220.93	997920.89
5	773.19	773.13	1953220.83	997917.20
6	773.18	773.15	1953222.14	997917.17
7	773.26	773.26	1953221.95	997910.86
8	773.53	773.53	1953227.00	997910.71
9	773.52	773.19	1953227.18	997917.02
10	773.38	773.12	1953226.86	997923.84
11	773.11	773.06	1953221.03	997924.02
12	773.03	773.06	1953217.38	997924.12
13	773.19	772.77	1953227.07	997929.47
14	772.80	772.68	1953220.11	997931.78
15	772.61	772.64	1953219.59	997932.05
16	772.69	772.68	1953218.70	997932.50
17	772.56	772.60	1953221.58	997937.14
18	772.49	772.58	1953222.38	997936.54

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
19	772.58	772.62	1953222.85	997936.19
20	773.21	772.73	1953227.91	997933.38
21	773.29	773.09	1953231.72	997938.15
22	772.89	773.04	1953228.57	997942.10
23	772.89	773.04	1953232.72	997944.89
24	773.23	773.09	1953235.20	997940.48
25	773.57	772.83	1953241.70	997942.38
26	772.73	772.75	1953240.26	997947.95
27	772.68	772.71	1953240.12	997948.51
28	772.73	772.73	1953239.87	997949.48
29	772.79	772.79	1953244.86	997950.38
30	772.72	772.76	1953244.97	997949.39
31	772.84	772.80	1953245.03	997948.81
32	773.55	772.91	1953245.76	997942.82
33	773.17	773.05	1953249.40	997948.87
34	773.14	773.05	1953248.10	997945.34
35	773.53	773.05	1953246.93	997942.20
36	773.56	773.05	1953246.36	997940.65
37	773.65	773.12	1953251.05	997938.92
38	773.38	773.12	1953252.78	997943.61
39	773.24	773.12	1953254.50	997948.25
40	773.69	773.42	1953255.74	997937.18
41	773.45	773.42	1953257.47	997941.87
42	773.73	773.73	1953260.42	997935.44
43	773.51	773.51	1953262.16	997940.13
44	773.36	773.36	1953264.01	997945.12
45	772.92	772.92	1953264.26	997945.81
46	773.00	773.00	1953264.57	997946.63

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	772.44	772.44	1953262.65	997997.77
2	772.34	772.34	1953263.04	997998.74
3	772.79	772.79	1953263.31	997999.42
4	772.58	772.58	1953265.09	998003.79
5	772.50	772.50	1953266.68	998007.71
6	772.41	772.41	1953261.53	998009.80
7	772.45	772.41	1953259.94	998005.88
8	772.73	772.41	1953258.27	998001.75
9	772.28	772.31	1953253.02	998002.69
10	772.22	772.29	1953253.39	998003.63
11	772.27	772.33	1953253.62	998004.17
12	772.25	772.33	1953253.99	998005.09
13	772.25	772.33	1953255.10	998007.84
14	772.33	772.33	1953256.69	998011.76
15	772.25	772.25	1953252.99	998013.26
16	772.08	772.25	1953251.40	998009.35
17	772.10	772.25	1953250.28	998006.60
18	772.13	772.21	1953250.05	998006.03
19	772.18	772.26	1953249.65	998005.05
20	771.99	772.17	1953248.17	998008.71
21	771.89	771.88	1953244.82	998010.54

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
22	771.86	771.88	1953245.81	998010.86
23	771.89	771.92	1953246.38	998011.05
24	772.05	772.17	1953249.21	998011.96
25	771.68	771.84	1953243.03	998014.17
26	771.62	771.84	1953243.99	998014.48
27	771.85	771.88	1953244.54	998014.66
28	771.87	771.89	1953245.16	998014.85
29	771.95	772.14	1953247.98	998015.76
30	772.09	772.18	1953252.26	998017.14
31	771.93	771.94	1953251.65	998019.98
32	771.74	771.85	1953247.15	998020.04
33	771.42	771.54	1953243.85	998020.08
34	770.72	770.79	1953245.41	998027.72
35	771.66	771.78	1953248.96	998025.73
36	771.81	771.87	1953252.88	998023.53
37	771.54	771.54	1953257.12	998025.86
38	771.49	771.49	1953254.83	998026.99
39	771.38	771.38	1953250.79	998028.99
40	770.43	770.43	1953247.03	998030.86
41	769.97	769.97	1953246.47	998031.26
42	769.91	769.91	1953245.76	998031.76

CONTROL POINT: CP#1  
 ELEVATION: 773.13  
 NORTHING: 1953160.79  
 EASTING: 997954.15  
 DESCRIPTION: "X" IN SIDEWALK IN THE SW CORNER OF IL 31 & WALNUT

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#1  
 ELEVATION: 773.13  
 NORTHING: 1953160.79  
 EASTING: 997954.15  
 DESCRIPTION: "X" IN SIDEWALK IN THE SW CORNER OF IL 31 & WALNUT

SHEET ADDED 05/18/2020

MODEL: Default  
 FILE NAME: 3/13/2020/016-PTB 177-004 D1 - 021W0 20 - 62K71 IL 31 - ADA\_Ramps/CADD/CADD\_Sheets/03\_D136820-PTB-ADA-Walnut-Ave.dgn



USER NAME = LGarrett	DESIGNED - LEG	REVISED -
PLOT SCALE = 10.0000' / ft.	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

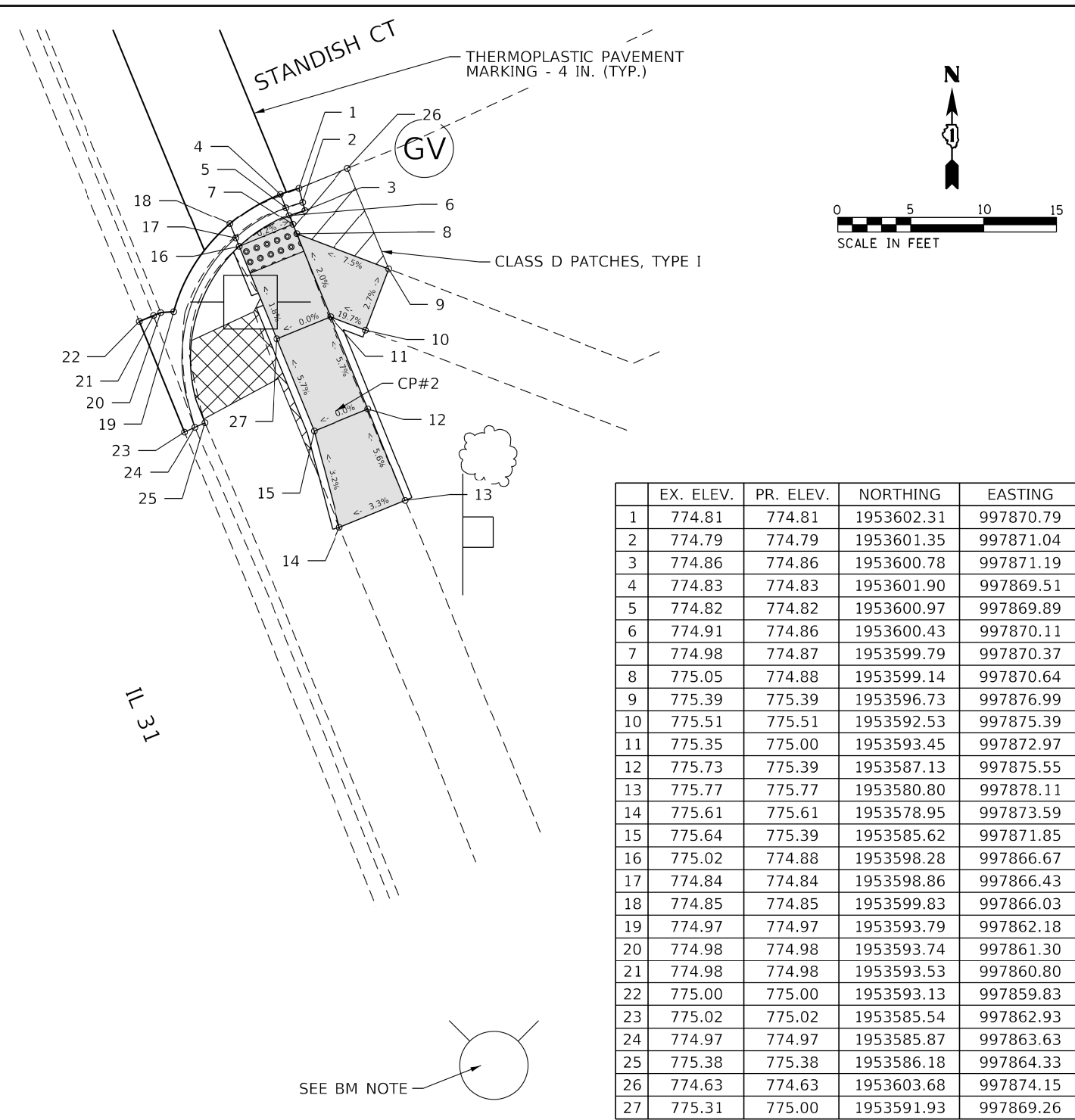
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP DESIGN  
 WALNUT AVE. TO WING ST.**

SCALE: 1" = 10'    SHEET 2 OF 11 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25B
CONTRACT NO. 62K71				
ILLINOIS / FED. AID PROJECT				

MODEL: Default  
FILE NAME: 3/13/2020 10:16:47 PM 177-004 D1 - 021W0 20 - 62K71 IL 31 - ADA Ramp/CADD/CADD Sheets/03\_D136820-sh-ADA-Standish-Ct.dgn



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	774.81	774.81	1953602.31	997870.79
2	774.79	774.79	1953601.35	997871.04
3	774.86	774.86	1953600.78	997871.19
4	774.83	774.83	1953601.90	997869.51
5	774.82	774.82	1953600.97	997869.89
6	774.91	774.86	1953600.43	997870.11
7	774.98	774.87	1953599.79	997870.37
8	775.05	774.88	1953599.14	997870.64
9	775.39	775.39	1953596.73	997876.99
10	775.51	775.51	1953592.53	997875.39
11	775.35	775.00	1953593.45	997872.97
12	775.73	775.39	1953587.13	997875.55
13	775.77	775.77	1953580.80	997878.11
14	775.61	775.61	1953578.95	997873.59
15	775.64	775.39	1953585.62	997871.85
16	775.02	774.88	1953598.28	997866.67
17	774.84	774.84	1953598.86	997866.43
18	774.85	774.85	1953599.83	997866.03
19	774.97	774.97	1953593.79	997862.18
20	774.98	774.98	1953593.74	997861.30
21	774.98	774.98	1953593.53	997860.80
22	775.00	775.00	1953593.13	997859.83
23	775.02	775.02	1953585.54	997862.93
24	774.97	774.97	1953585.87	997863.63
25	775.38	775.38	1953586.18	997864.33
26	774.63	774.63	1953603.68	997874.15
27	775.31	775.00	1953591.93	997869.26

BENCHMARK: NE BOLT OF FIRE HYDRANT IN THE SE CORNER OF  
IL 31 & STANDISH CT  
ELEVATION = 777.20

CONTROL POINT: CP#2  
ELEVATION: 775.65  
NORTHING: 1953586.99  
EASTING: 997873.34  
DESCRIPTION: "X" IN SIDEWALK IN THE SE CORNER OF IL 31 & STANDISH CT

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#2  
ELEVATION: 775.65  
NORTHING: 1953586.99  
EASTING: 997873.34  
DESCRIPTION: "X" IN SIDEWALK IN THE SE CORNER OF IL 31 & STANDISH CT

SHEET ADDED 05/18/2020



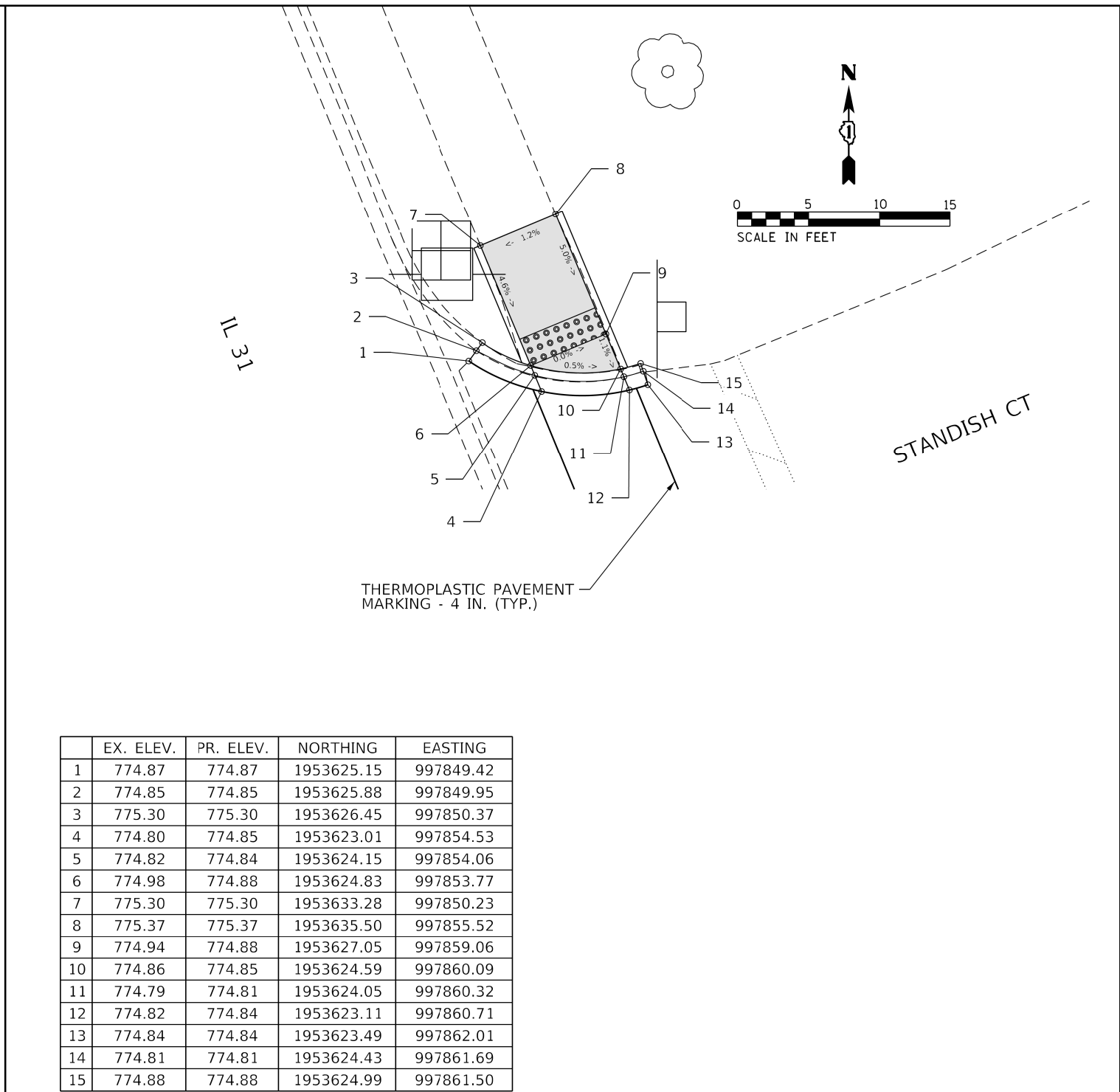
USER NAME = LGarrett	DESIGNED - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP DESIGN  
WALNUT AVE. TO WING ST.**

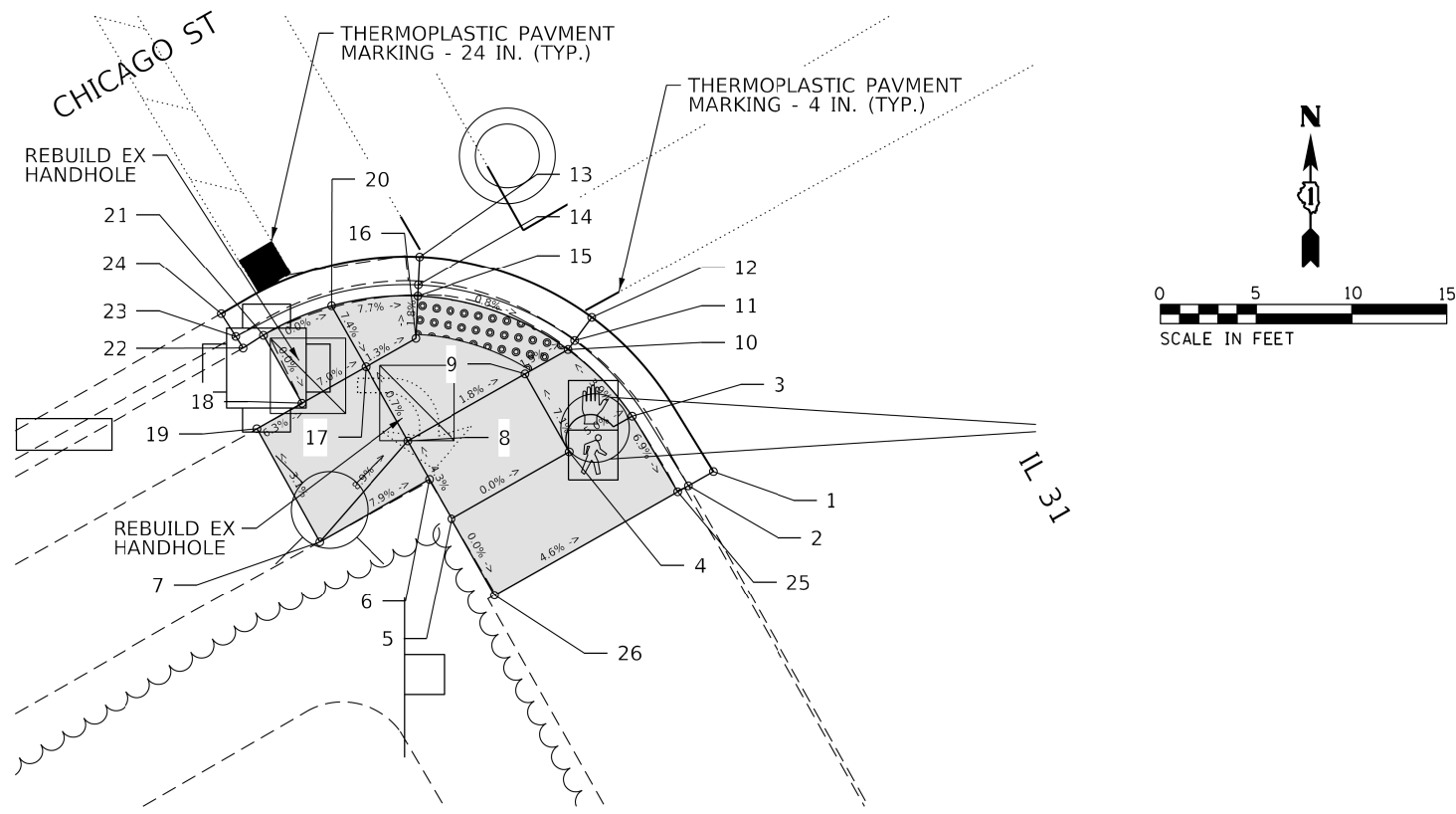
SCALE: 1" = 10' SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25C
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				



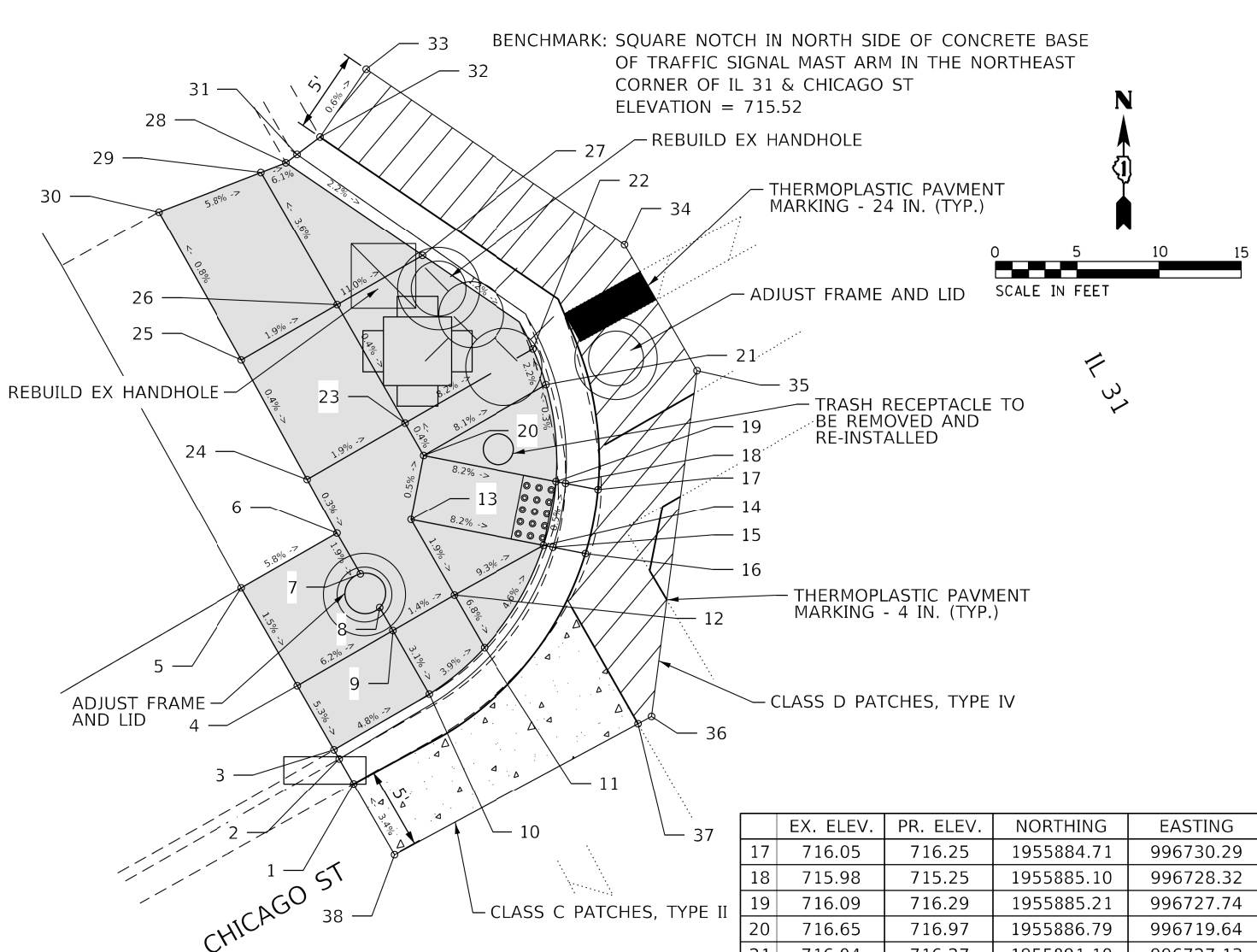
	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	774.87	774.87	1953625.15	997849.42
2	774.85	774.85	1953625.88	997849.95
3	775.30	775.30	1953626.45	997850.37
4	774.80	774.85	1953623.01	997854.53
5	774.82	774.84	1953624.15	997854.06
6	774.98	774.88	1953624.83	997853.77
7	775.30	775.30	1953633.28	997850.23
8	775.37	775.37	1953635.50	997855.52
9	774.94	774.88	1953627.05	997859.06
10	774.86	774.85	1953624.59	997860.09
11	774.79	774.81	1953624.05	997860.32
12	774.82	774.84	1953623.11	997860.71
13	774.84	774.84	1953623.49	997862.01
14	774.81	774.81	1953624.43	997861.69
15	774.88	774.88	1953624.99	997861.50

BENCHMARK: NE BOLT OF FIRE HYDRANT IN THE SE CORNER OF  
IL 31 & STANDISH CT  
ELEVATION = 777.20



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	715.70	715.70	1955828.20	996765.67
2	715.69	715.69	1955827.46	996764.37
3	715.98	716.02	1955831.09	996761.44
4	716.40	716.21	1955829.23	996758.15
5	716.22	716.21	1955825.73	996751.98
6	716.22	716.11	1955827.79	996750.81
7	716.63	716.63	1955824.53	996745.07
8	716.22	716.01	1955829.80	996749.68
9	715.96	715.88	1955833.29	996755.84
10	715.96	715.83	1955834.56	996758.09
11	715.79	715.79	1955835.03	996758.43
12	715.80	715.80	1955836.24	996759.32
13	715.87	715.87	1955839.44	996750.29
14	715.87	715.86	1955837.94	996750.23
15	715.94	715.90	1955837.36	996750.20
16	715.94	715.94	1955835.14	996750.10
17	716.15	715.98	1955833.66	996747.48
18	716.24	716.25	1955831.77	996744.14
19	716.42	716.42	1955830.43	996741.79
20	716.12	716.25	1955836.84	996745.68
21	716.21	716.25	1955835.31	996742.13
22	716.48	716.48	1955834.64	996741.07
23	716.08	716.08	1955835.24	996740.68
24	716.02	716.02	1955836.44	996739.93
25	715.70	715.70	1955827.14	996763.81
26	716.21	716.21	1955821.72	996754.25

BENCHMARK: SQUARE NOTCH IN NORTH SIDE OF CONCRETE BASE OF TRAFFIC SIGNAL MAST ARM IN THE NORTHEAST CORNER OF IL 31 & CHICAGO ST  
ELEVATION = 715.52



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	716.51	716.51	1955866.79	996715.37
2	716.47	716.47	1955868.31	996714.50
3	717.13	717.13	1955868.87	996714.18
4	717.37	717.37	1955872.76	996711.94
5	717.47	717.47	1955878.71	996708.52
6	717.08	717.08	1955882.04	996714.36
7	717.00	717.03	1955879.56	996715.78
8	716.96	716.98	1955877.51	996716.96
9	716.93	716.95	1955876.11	996717.77
10	716.81	716.81	1955872.25	996719.98
11	716.64	716.64	1955875.07	996723.35
12	716.75	716.89	1955878.27	996721.52
13	716.76	716.99	1955882.87	996718.87
14	716.20	716.31	1955881.29	996726.97
15	716.09	716.27	1955881.17	996727.55
16	716.17	716.27	1955880.79	996729.53

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
17	716.05	716.25	1955884.71	996730.29
18	715.98	715.25	1955885.10	996728.32
19	716.09	716.29	1955885.21	996727.74
20	716.65	716.97	1955886.79	996719.64
21	716.04	716.27	1955891.10	996727.13
22	716.03	716.22	1955893.27	996726.34
23	716.67	716.96	1955888.76	996718.50
24	717.09	717.09	1955885.33	996712.54
25	717.12	717.12	1955892.60	996708.52
26	716.72	716.99	1955895.96	996714.37
27	716.33	716.33	1955898.95	996719.57
28	716.55	716.55	1955904.63	996711.25
29	716.65	716.65	1955904.04	996709.72
30	717.04	717.04	1955901.61	996703.48
31	716.15	716.15	1955905.14	996711.92
32	716.08	716.08	1955906.20	996713.32
33	716.05	716.05	1955910.33	996716.14
34	715.75	715.75	1955899.60	996731.90
35	715.83	715.83	1955891.95	996736.30
36	716.23	716.23	1955870.90	996733.54
37	716.24	716.24	1955870.46	996732.72
38	716.68	716.68	1955862.45	996717.87

CONTROL POINT: CP#3  
ELEVATION: 715.61  
NORTHING: 1955919.54  
EASTING: 996778.73  
DESCRIPTION: "X" IN THE SIDEWALK IN THE NORTHEAST CORNER OF IL 31 & CHICAGO ST

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#3  
ELEVATION: 715.61  
NORTHING: 1955919.54  
EASTING: 996778.73  
DESCRIPTION: "X" IN THE SIDEWALK IN THE NORTHEAST CORNER OF IL 31 & CHICAGO ST

SHEET ADDED 05/18/2020

MODEL: Default  
FILE NAME: 3/13/2020\201016-PTB 177-004 D1 - OEI\NO 20 - 62K71 IL 31 - ADA Ramp\CADD\CADD Sheets\04 - D138820-INT-ADA-Chicago-St.dgn



USER NAME = LGarrett	DESIGNED - LEG	REVISED -
	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / ft.	CHECKED - AWM	REVISED -
PLOT DATE = 5/5/2020	DATE - 4/27/2020	REVISED -

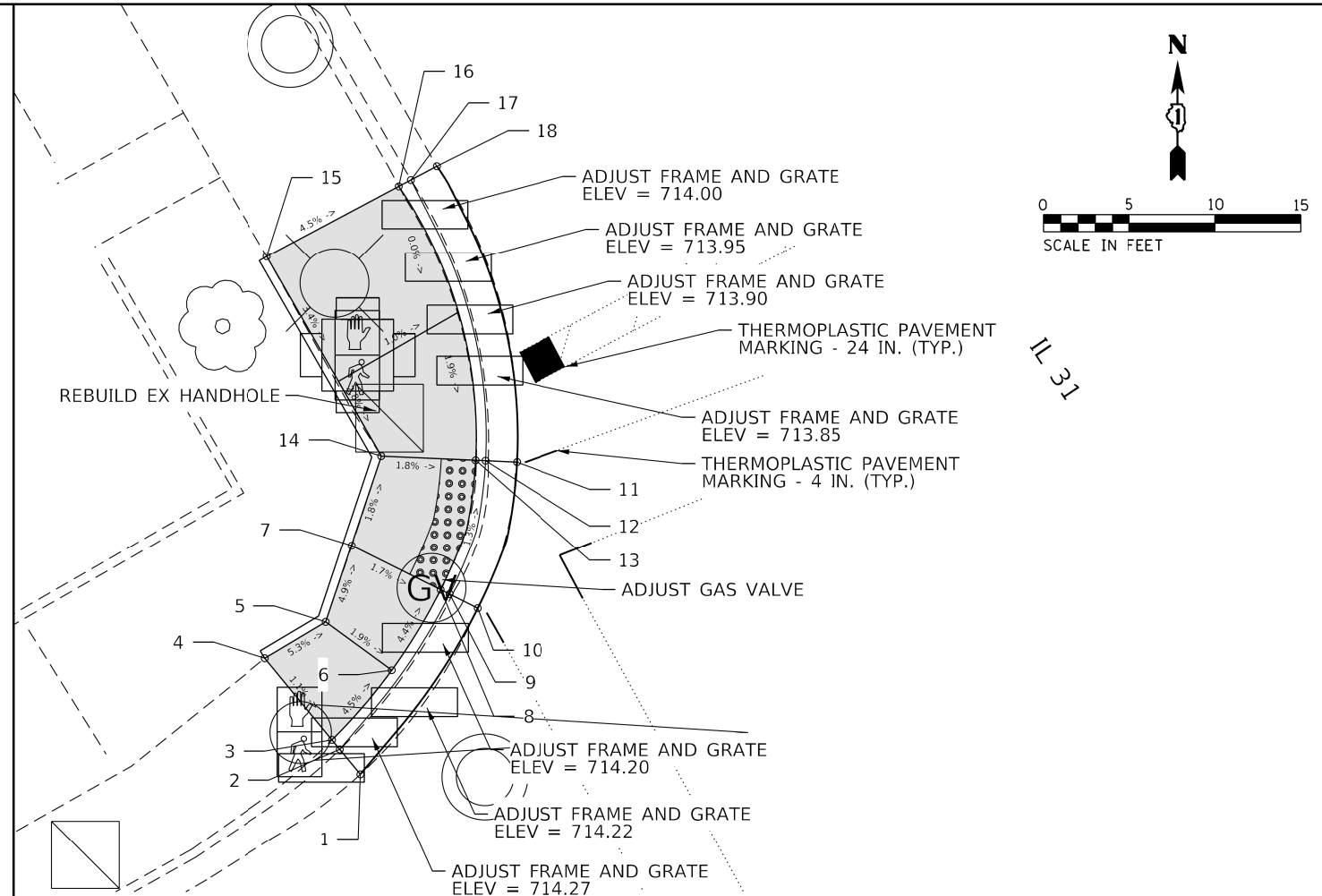
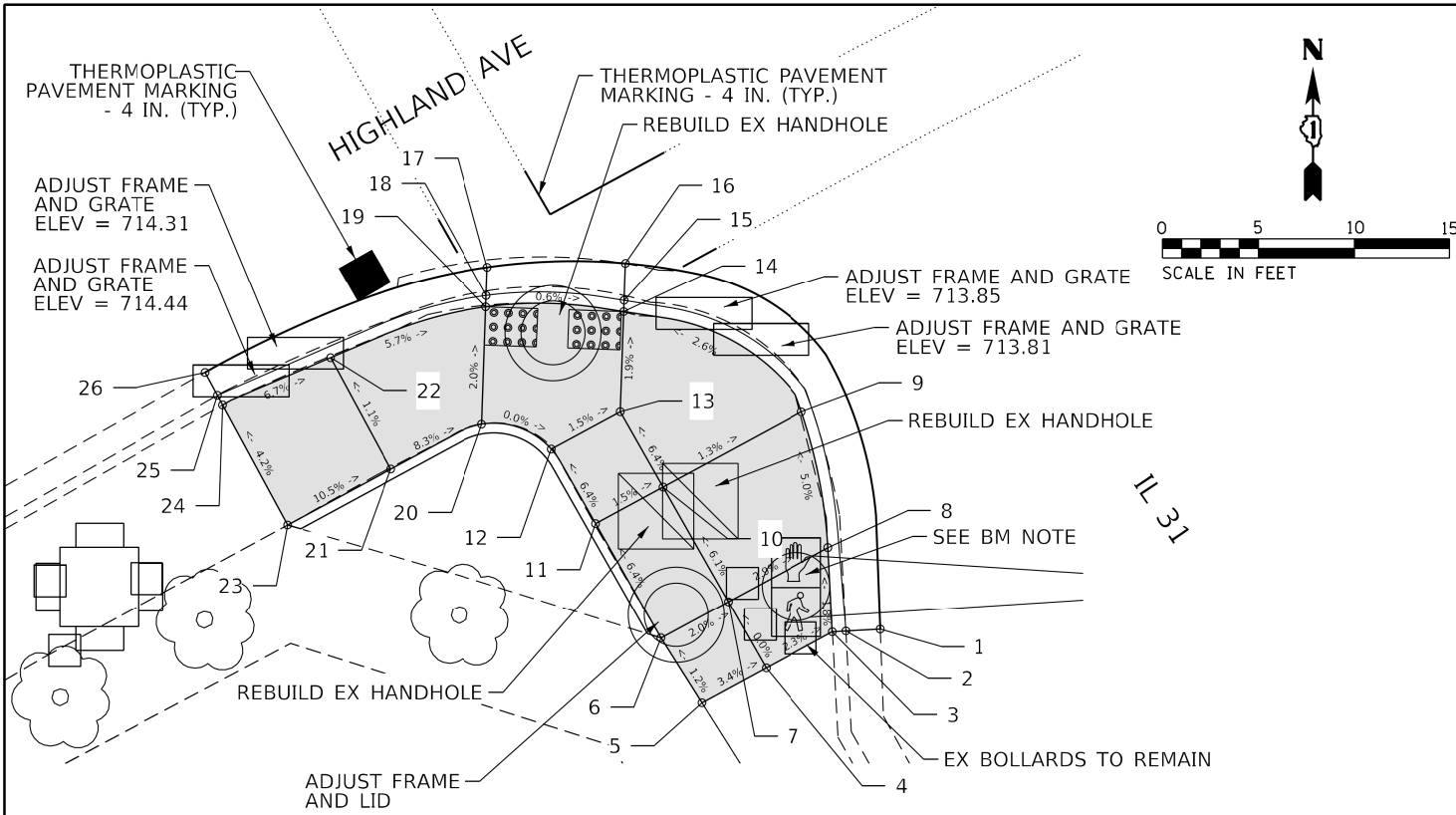
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
WALNUT AVE. TO WING ST.

SCALE: 1" = 10' SHEET 4 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25D
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				





	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	714.44	714.44	1956101.39	996604.43
2	714.38	714.38	1956101.29	996602.64
3	714.75	714.75	1956101.25	996601.93
4	714.84	714.84	1956099.37	996598.44
5	714.97	714.97	1956097.55	996595.08
6	714.94	714.92	1956100.94	996592.94
7	714.80	714.84	1956102.84	996596.46
8	714.67	714.67	1956105.68	996601.69
9	714.31	714.31	1956112.75	996600.30
10	714.65	714.42	1956108.83	996593.06
11	714.84	714.48	1956106.92	996589.54
12	714.78	714.19	1956110.81	996587.23
13	714.56	714.13	1956112.76	996590.82
14	714.14	714.03	1956117.98	996591.00
15	713.99	713.99	1956118.57	996591.03
16	713.99	713.99	1956120.53	996591.09
17	714.06	714.07	1956120.31	996583.88
18	714.09	714.03	1956118.82	996583.83
19	714.15	714.07	1956118.23	996583.81
20	714.72	714.19	1956112.11	996583.59
21	714.98	714.63	1956109.77	996578.81
22	714.74	714.56	1956115.57	996575.66
23	715.27	715.27	1956106.85	996573.42
24	714.97	714.97	1956113.11	996570.04
25	714.47	714.47	1956113.61	996569.77
26	714.50	714.50	1956114.80	996569.12

BENCHMARK: SQUARE NOTCH IN THE WEST CONCRETE BASE OF TRAFFIC SIGNAL MAST ARM IN THE SOUTHWEST CORNER OF IL 31 & HIGHLAND AVE. ELEVATION = 715.10

BENCHMARK: SQUARE NOTCH IN THE WEST CONCRETE BASE OF TRAFFIC SIGNAL MAST ARM IN THE SOUTHWEST CORNER OF IL 31 & HIGHLAND AVE. ELEVATION = 715.10

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	714.43	714.43	1956158.27	996548.70
2	714.32	714.32	1956159.72	996547.51
3	714.70	714.70	1956160.27	996547.05
4	714.77	714.77	1956165.00	996543.14
5	714.69	714.55	1956167.11	996546.68
6	714.56	714.46	1956164.30	996550.53
7	714.67	714.32	1956171.57	996548.17
8	714.50	714.22	1956168.98	996553.37
9	714.13	714.18	1956168.72	996553.89
10	714.12	714.20	1956167.91	996555.53
11	714.02	714.10	1956176.42	996557.81
12	714.04	714.08	1956176.50	996555.98
13	714.36	714.12	1956176.53	996555.40
14	714.55	714.22	1956176.77	996549.91
15	714.67	714.67	1956188.37	996543.25
16	714.28	714.28	1956192.47	996550.94
17	714.03	714.03	1956192.84	996551.64
18	714.13	714.13	1956193.65	996553.15
19	714.55	714.36	1956181.10	996547.42
20	714.07	714.28	1956185.12	996554.40

CONTROL POINT: CP#4  
 ELEVATION: 714.61  
 NORTHING: 1956113.68  
 EASTING: 996585.71  
 DESCRIPTION: "X" IN SIDEWALK IN THE SW CORNER OF IL 31 & HIGHLAND

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#4  
 ELEVATION: 714.61  
 NORTHING: 1956113.68  
 EASTING: 996585.71  
 DESCRIPTION: "X" IN SIDEWALK IN THE SW CORNER OF IL 31 & HIGHLAND

SHEET ADDED 05/18/2020

MODEL: Default  
 FILE NAME: 3/13/2020 10:16:47 177-004 D1 - 021W0 20 - 62X71 IL 31 - ADA\_Ramp\_CADD\_CADD\_Sheets05.D136820-sh-cdd-Highland-Ave.dgn



USER NAME = LGarrett	DESIGNED - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

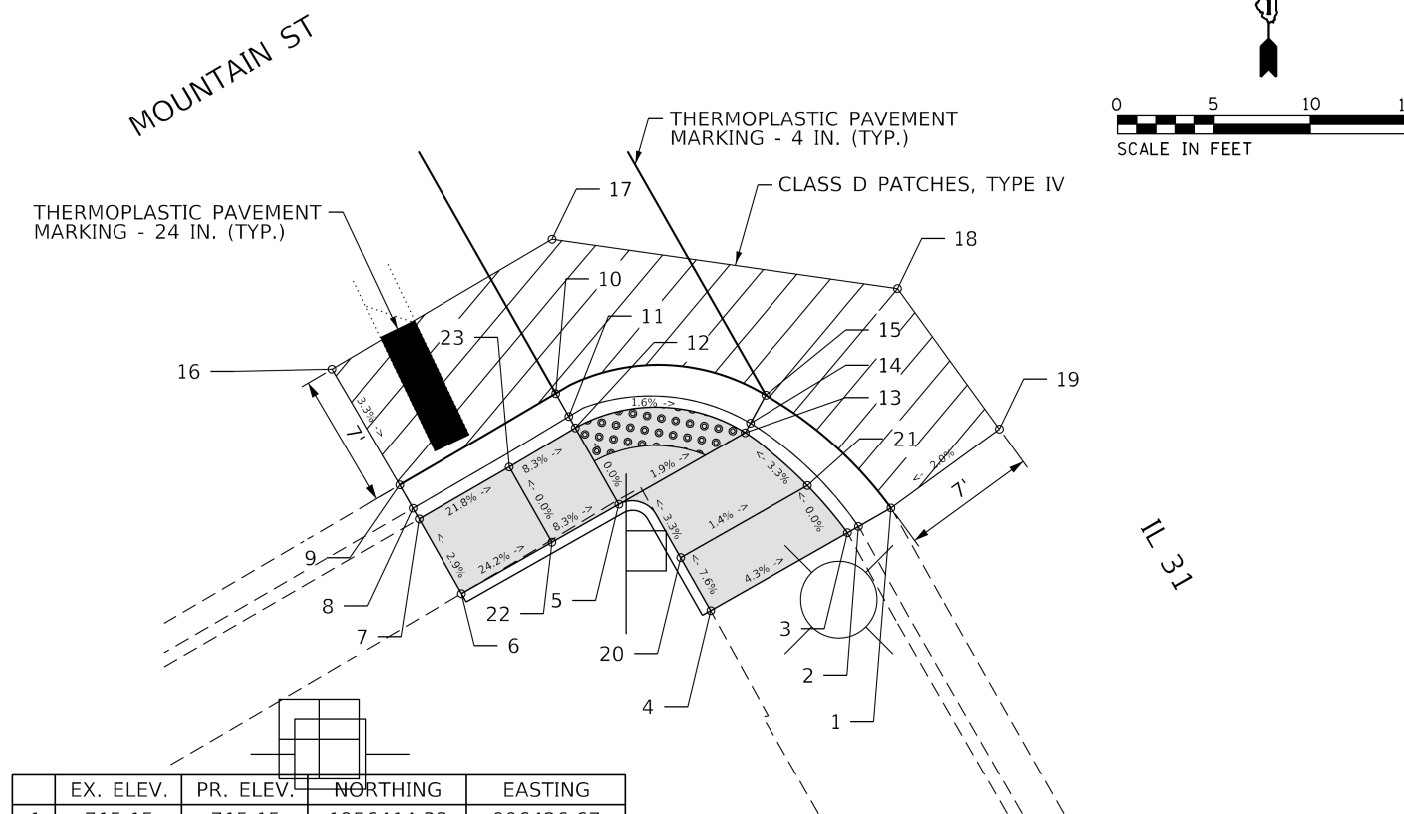
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
 WALNUT AVE. TO WING ST.

SCALE: 1" = 10' SHEET 5 OF 11 SHEETS STA. TO STA.

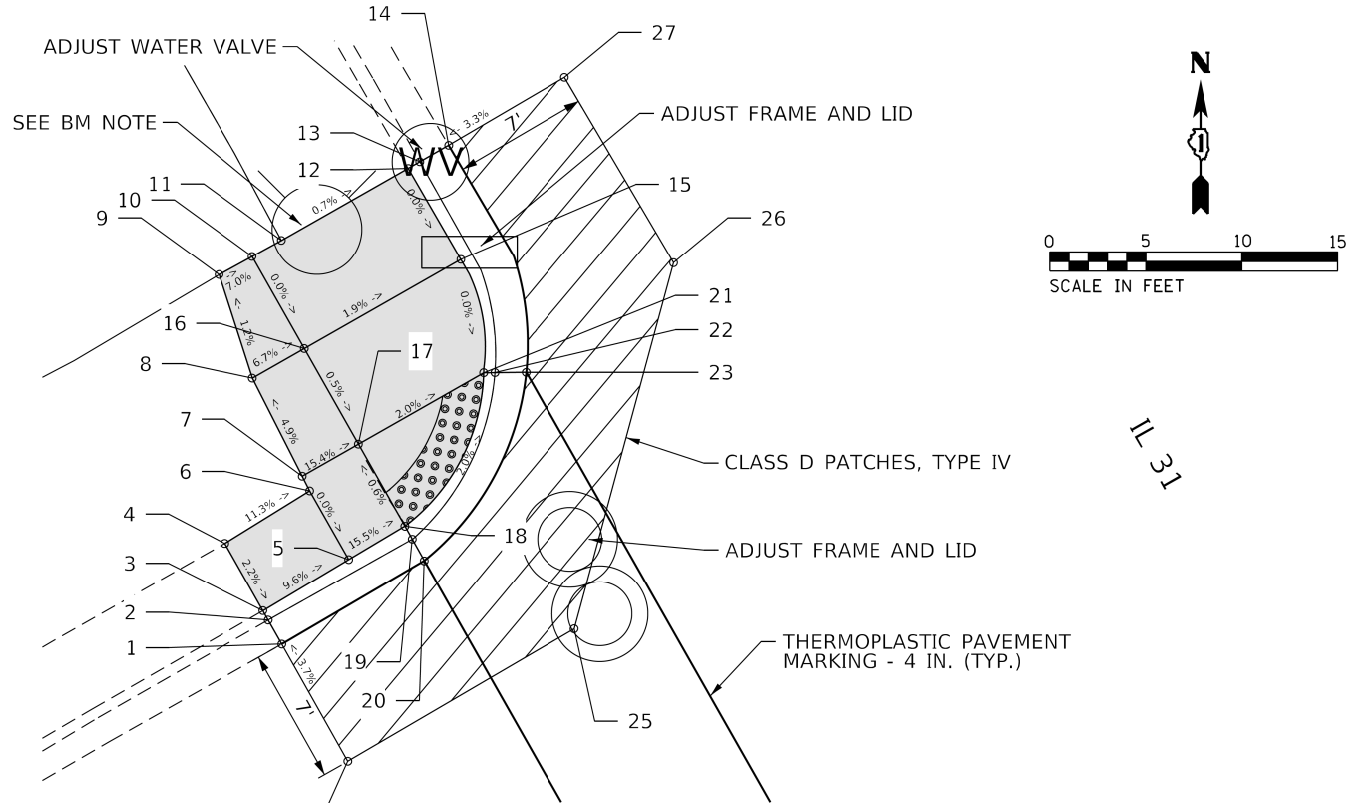
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25E
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: 3/13/2020 10:16:47 PM 177-004 D1 - 021W0 20 - 62K71 IL 31 - ADA\_RampToCADD\CADD\_Sheets\06\_D136820-INT-ADA-Mountain-St.dgn



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	715.15	715.15	1956414.33	996426.67
2	715.03	715.03	1956413.37	996424.98
3	715.52	715.52	1956413.05	996424.41
4	715.87	715.87	1956408.99	996417.27
5	716.04	715.52	1956414.52	996412.49
6	717.16	717.16	1956409.87	996404.30
7	717.03	717.03	1956413.76	996402.10
8	716.63	716.63	1956414.32	996401.78
9	716.71	716.71	1956415.54	996401.09
10	715.83	715.54	1956420.31	996409.20
11	715.79	715.48	1956419.11	996409.89
12	715.83	715.52	1956418.51	996410.23
13	715.29	715.38	1956418.26	996419.07
14	715.25	715.34	1956418.76	996419.34
15	715.24	715.34	1956420.22	996420.14
16	716.94	716.94	1956421.57	996397.54
17	715.87	715.87	1956428.32	996409.02
18	715.36	715.36	1956425.76	996427.01
19	715.29	715.29	1956418.45	996432.33
20	715.87	715.63	1956411.75	996415.70
21	715.39	715.52	1956415.50	996422.31
22	716.58	715.85	1956412.55	996409.01
23	716.47	715.85	1956416.47	996406.79

BENCHMARK: SOUTH BOLT OF FIRE HYDRANT IN NORTHWEST CORNER OF IL 31 & MOUNTAIN ST.  
ELEVATION = 718.63



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	716.51	716.51	1956441.08	996387.49
2	716.53	716.53	1956442.33	996386.78
3	716.55	716.55	1956442.82	996386.50
4	716.64	716.64	1956446.32	996384.51
5	716.05	716.05	1956445.48	996390.98
6	716.05	716.05	1956449.05	996388.95
7	716.01	716.01	1956449.82	996388.56
8	715.73	715.73	1956454.92	996385.95
9	715.66	715.66	1956460.31	996384.21
10	715.52	715.52	1956461.25	996385.94
11	715.39	715.39	1956462.09	996387.47
12	715.34	715.34	1956465.85	996394.08
13	714.89	714.89	1956466.20	996394.69
14	715.00	715.00	1956467.06	996396.20
15	715.34	715.34	1956461.10	996396.83
16	715.55	715.52	1956456.47	996388.65
17	715.72	715.49	1956451.48	996391.49
18	715.71	715.52	1956447.22	996393.91
19	715.70	715.48	1956446.54	996394.30
20	715.77	715.54	1956445.42	996394.94
21	715.24	715.34	1956455.20	996398.03
22	715.20	715.30	1956455.20	996398.61
23	715.26	715.30	1956455.22	996400.25
24	716.78	716.78	1956434.98	996390.94
25	715.85	715.85	1956441.87	996402.75
26	715.35	715.35	1956460.93	996407.92
27	715.23	715.23	1956470.60	996402.24

BENCHMARK: SOUTH BOLT OF FIRE HYDRANT IN NORTHWEST CORNER OF IL 31 & MOUNTAIN ST.  
ELEVATION = 718.63

CONTROL POINT: CP#5  
ELEVATION: 715.68  
NORTHING: 1956411.90  
EASTING: 996420.02  
DESCRIPTION: "X" IN SIDEWALK IN THE SOUTHWEST CORNER OF IL 31 & MOUNTAIN

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#5  
ELEVATION: 715.68  
NORTHING: 1956411.90  
EASTING: 996420.02  
DESCRIPTION: "X" IN SIDEWALK IN THE SOUTHWEST CORNER OF IL 31 & MOUNTAIN

SHEET ADDED 05/18/2020



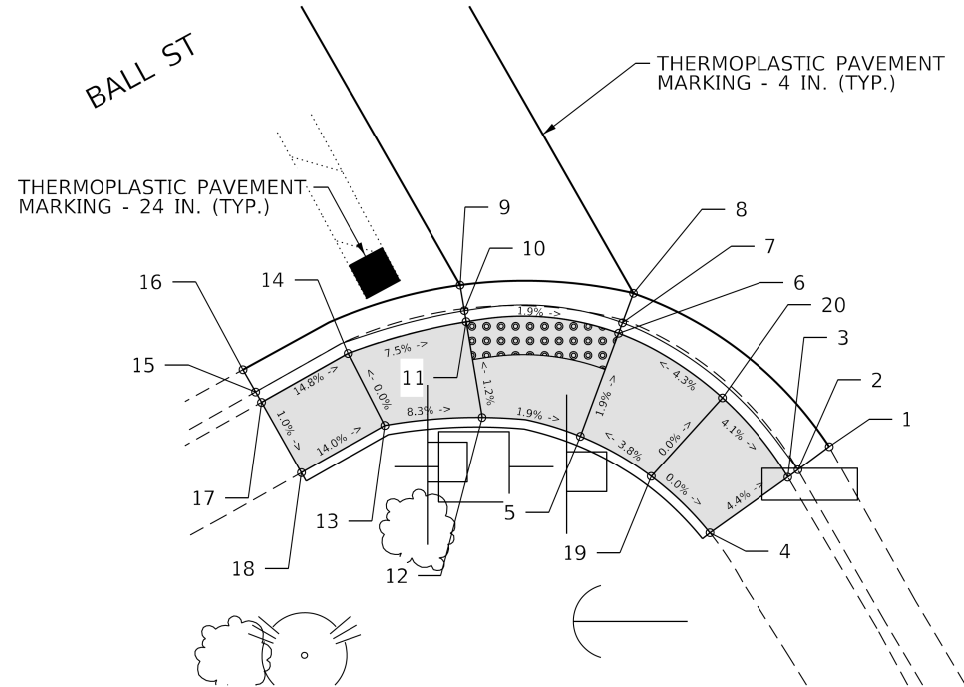
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PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ADA RAMP DESIGN  
WALNUT AVE. TO WING ST.**

SCALE: 1" = 10' SHEET 6 OF 11 SHEETS STA. TO STA.

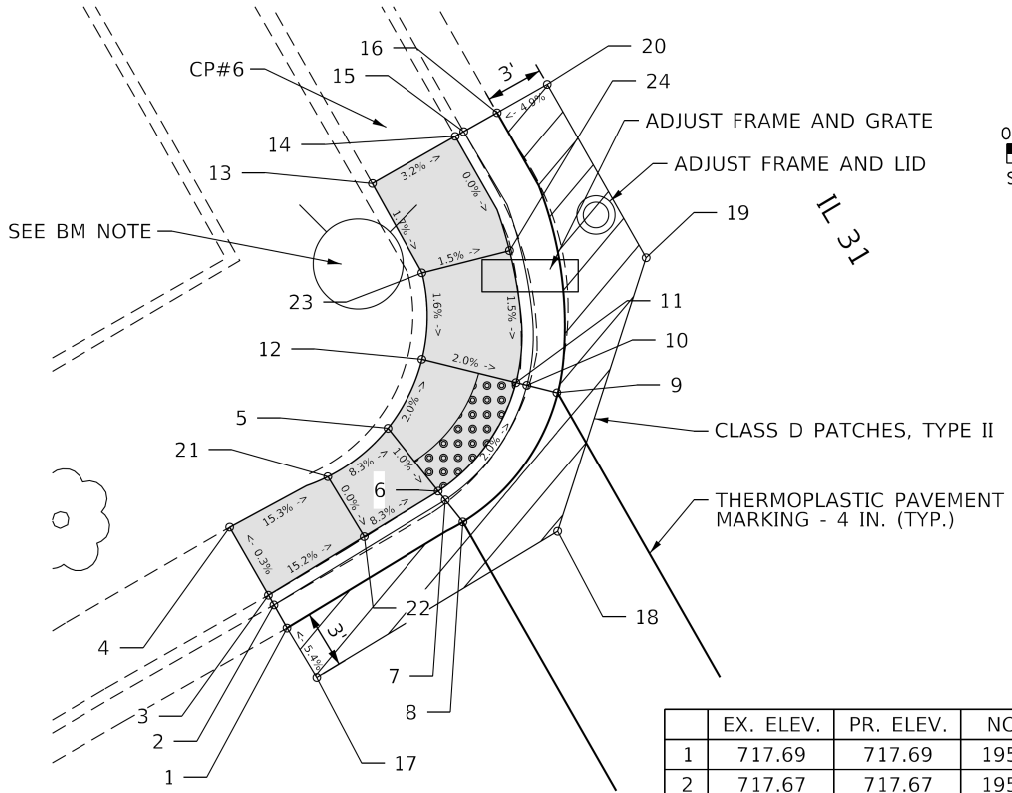
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25F
CONTRACT NO. 62K71			ILLINOIS FED. AID PROJECT	



IL 31  
MILL ST

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	716.46	716.46	1956986.79	996098.14
2	716.42	716.42	1956985.59	996096.51
3	716.98	716.98	1956985.19	996095.98
4	717.20	717.20	1956982.30	996091.91
5	717.33	717.04	1956987.33	996085.17
6	716.79	716.93	1956992.69	996087.16
7	716.80	716.89	1956993.24	996087.37
8	716.85	716.91	1956994.77	996087.93
9	717.14	717.10	1956995.20	996078.92
10	717.13	717.04	1956993.87	996079.14
11	717.18	717.08	1956993.30	996079.24
12	717.48	717.14	1956988.32	996080.06
13	717.70	717.70	1956987.90	996074.99
14	717.80	717.80	1956991.64	996073.07
15	717.42	717.42	1956992.17	996072.74
16	717.50	717.50	1956993.26	996072.07
17	718.30	718.30	1956989.10	996068.56
18	718.26	718.26	1956985.43	996070.64
19	717.26	717.20	1956985.24	996055.86
20	716.98	717.20	1956989.33	996092.56

BENCHMARK: SOUTH BOLT OF FIRE HYDRANT IN THE NORTHWEST CORNER OF IL 31 & MILL ST.  
ELEVATION = 719.46



IL 31  
BALL ST

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	717.69	717.69	1957014.88	996055.36
2	717.67	717.67	1957016.08	996054.68
3	718.10	718.10	1957016.59	996054.39
4	718.09	718.09	1957020.12	996052.37
5	717.32	716.88	1957025.28	996060.63
6	717.09	716.84	1957022.00	996063.26
7	717.04	716.80	1957021.54	996063.62
8	717.11	716.84	1957020.39	996064.54
9	716.68	716.66	1957027.12	996069.48
10	716.66	716.66	1957027.52	996067.87
11	716.73	716.70	1957027.66	996067.30
12	717.08	716.80	1957028.87	996062.41
13	716.96	716.96	1957038.01	996059.82
14	716.80	716.80	1957040.47	996064.14
15	716.37	716.37	1957040.72	996064.58
16	716.41	716.41	1957041.71	996066.32
17	717.85	717.85	1957012.31	996056.92
18	717.01	717.01	1957019.91	996069.47
19	716.57	716.57	1957034.15	996074.07
20	716.56	716.56	1957043.19	996068.93
21	717.57	717.21	1957019.63	996059.39
22	717.61	717.21	1957022.75	996057.49
23	716.94	716.87	1957033.36	996062.41
24	716.78	716.80	1957034.52	996066.96

BENCHMARK: SOUTH BOLT OF FIRE HYDRANT IN THE NORTHWEST CORNER OF IL 31 & MILL ST.  
ELEVATION = 719.46

MODEL: Default  
FILE NAME: 3/13/2020\016-PTB 177-004 D1 - 021W0 20 - 62K71 IL 31 - ADA Ramp\B\CADD\CADD Sheets\07 D136820-PTB-ADA-BallSt.dwg

CONTROL POINT: CP#6  
ELEVATION: 716.87  
NORTHING: 1957003.43  
EASTING: 996161.66  
DESCRIPTION: "X" IN SIDEWALK OF NORTHWEST CORNER OF IL 31 & MILL ST

**LEGEND**

- [---] PROPOSED SIDE CURB (TYPE B)
- [XX.XX'] EXISTING LENGTH
- ( ) EXISTING ELEVATION
- [■] PROPOSED SIDEWALK

- [■] CLASS D PATCH
- [■] DETECTABLE WARNINGS
- [X] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- [■] TURNING SPACE

CONTROL POINT: CP#6  
ELEVATION: 716.87  
NORTHING: 1957003.43  
EASTING: 996161.66  
DESCRIPTION: "X" IN SIDEWALK OF NORTHWEST CORNER OF IL 31 & MILL ST

SHEET ADDED 05/18/2020



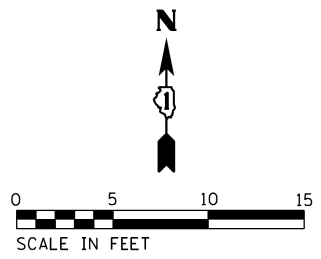
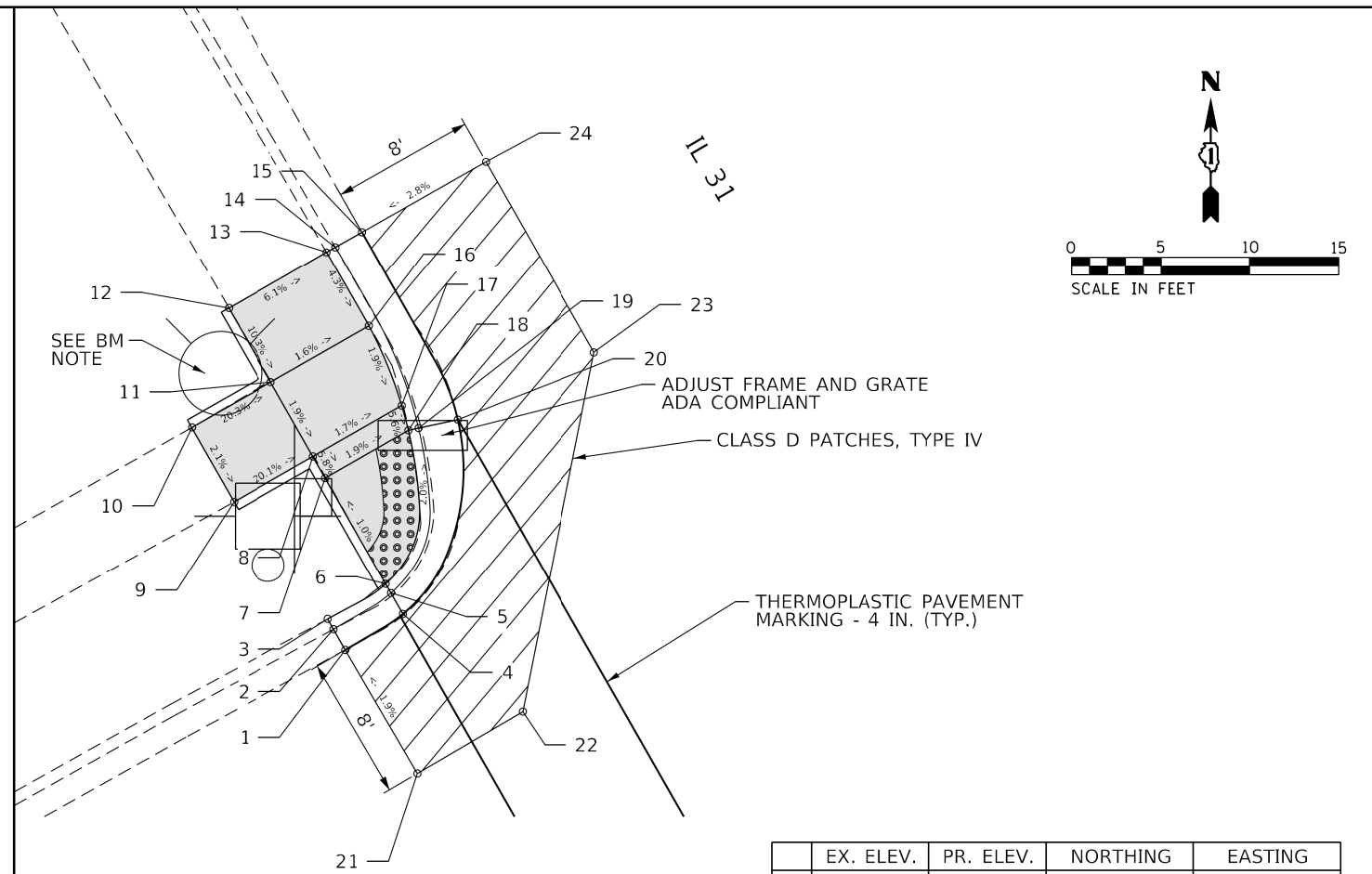
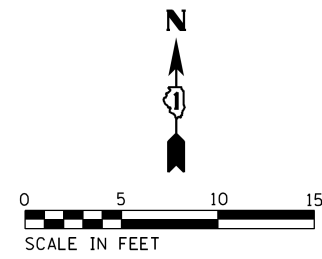
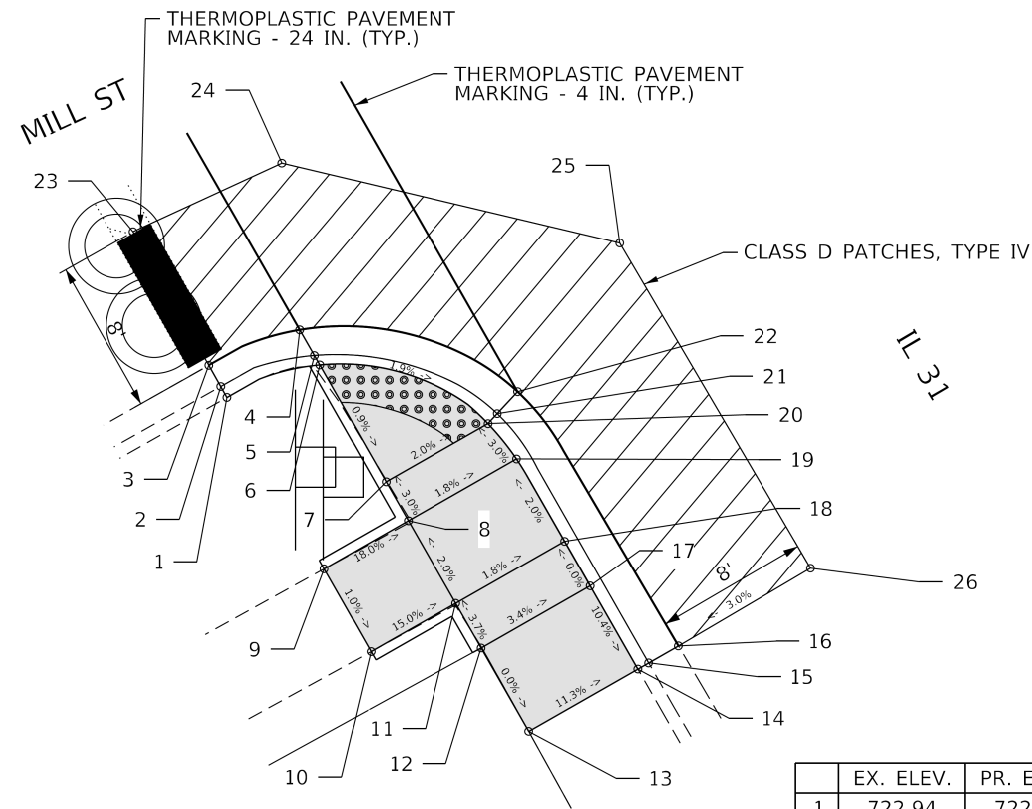
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PLOT SCALE = 10.0000' / ft.	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
WALNUT AVE. TO WING ST.

SCALE: 1" = 10' SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25G
CONTRACT NO. 62K71			ILLINOIS FED. AID PROJECT	



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	722.94	722.94	1957350.32	995873.47
2	722.53	722.53	1957350.89	995873.15
3	722.58	722.58	1957351.99	995872.53
4	721.97	721.59	1957353.83	995877.26
5	721.96	721.52	1957352.50	995878.03
6	721.96	721.56	1957352.01	995878.31
7	721.84	721.50	1957345.93	995881.77
8	721.83	721.57	1957343.91	995882.93
9	722.48	722.48	1957341.40	995878.53
10	722.43	722.43	1957337.09	995880.99
11	721.73	721.67	1957339.60	995885.39
12	721.76	721.77	1957337.27	995886.72
13	721.77	721.77	1957332.94	995889.20
14	721.03	721.03	1957336.18	995894.87
15	720.56	720.56	1957336.50	995895.43
16	720.64	720.64	1957337.38	995896.98
17	721.16	721.55	1957340.51	995892.39
18	721.23	721.55	1957342.84	995891.06
19	721.31	721.45	1957347.13	995888.56
20	721.32	721.38	1957348.96	995887.08
21	721.18	721.34	1957349.48	995887.56
22	721.14	721.34	1957350.62	995888.62
23	723.07	723.07	1957358.95	995868.59
24	722.17	722.17	1957362.54	995876.33
25	721.49	721.49	1957358.36	995893.93
26	720.87	720.87	1957341.44	995903.87

BENCHMARK: TOP SPINDLE OF FIRE HYDRANT IN THE NORTHWEST CORNER OF IL 31 & MILL ST.  
ELEVATION = 725.45

BENCHMARK: TOP SPINDLE OF FIRE HYDRANT IN THE NORTHWEST CORNER OF IL 31 & MILL ST.  
ELEVATION = 725.45

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	722.95	722.95	1957380.79	995857.71
2	722.94	722.94	1957381.95	995857.05
3	723.18	723.18	1957382.52	995856.72
4	722.51	722.39	1957382.80	995860.94
5	722.52	722.33	1957383.98	995860.27
6	722.53	722.37	1957384.50	995859.98
7	722.74	722.30	1957390.44	995856.58
8	722.78	722.38	1957391.64	995855.89
9	723.41	723.41	1957389.10	995851.44
10	723.51	723.51	1957393.26	995849.07
11	722.83	722.47	1957395.80	995853.52
12	722.96	722.96	1957399.95	995851.15
13	722.57	722.57	1957403.09	995856.66
14	722.34	722.34	1957403.38	995857.17
15	722.34	722.34	1957404.22	995858.65
16	722.36	722.37	1957398.95	995859.03
17	722.09	722.28	1957394.49	995860.88
18	722.03	722.20	1957393.11	995861.25
19	721.92	722.16	1957393.23	995861.82
20	722.00	722.16	1957393.70	995864.02
21	723.10	723.10	1957373.88	995861.75
22	722.46	722.46	1957377.34	995867.66
23	722.24	722.24	1957397.46	995871.68
24	722.56	722.56	1957408.17	995865.60

CONTROL POINT: CP#12  
ELEVATION: 722.77  
NORTHING: 1957357.56  
EASTING: 995953.36  
DESCRIPTION: "X" IN SIDEWALK IN THE NORTHWEST CORNER OF IL 31 & MILL

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#12  
ELEVATION: 722.77  
NORTHING: 1957357.56  
EASTING: 995953.36  
DESCRIPTION: "X" IN SIDEWALK IN THE NORTHWEST CORNER OF IL 31 & MILL

SHEET ADDED 05/18/2020

MODEL: Default  
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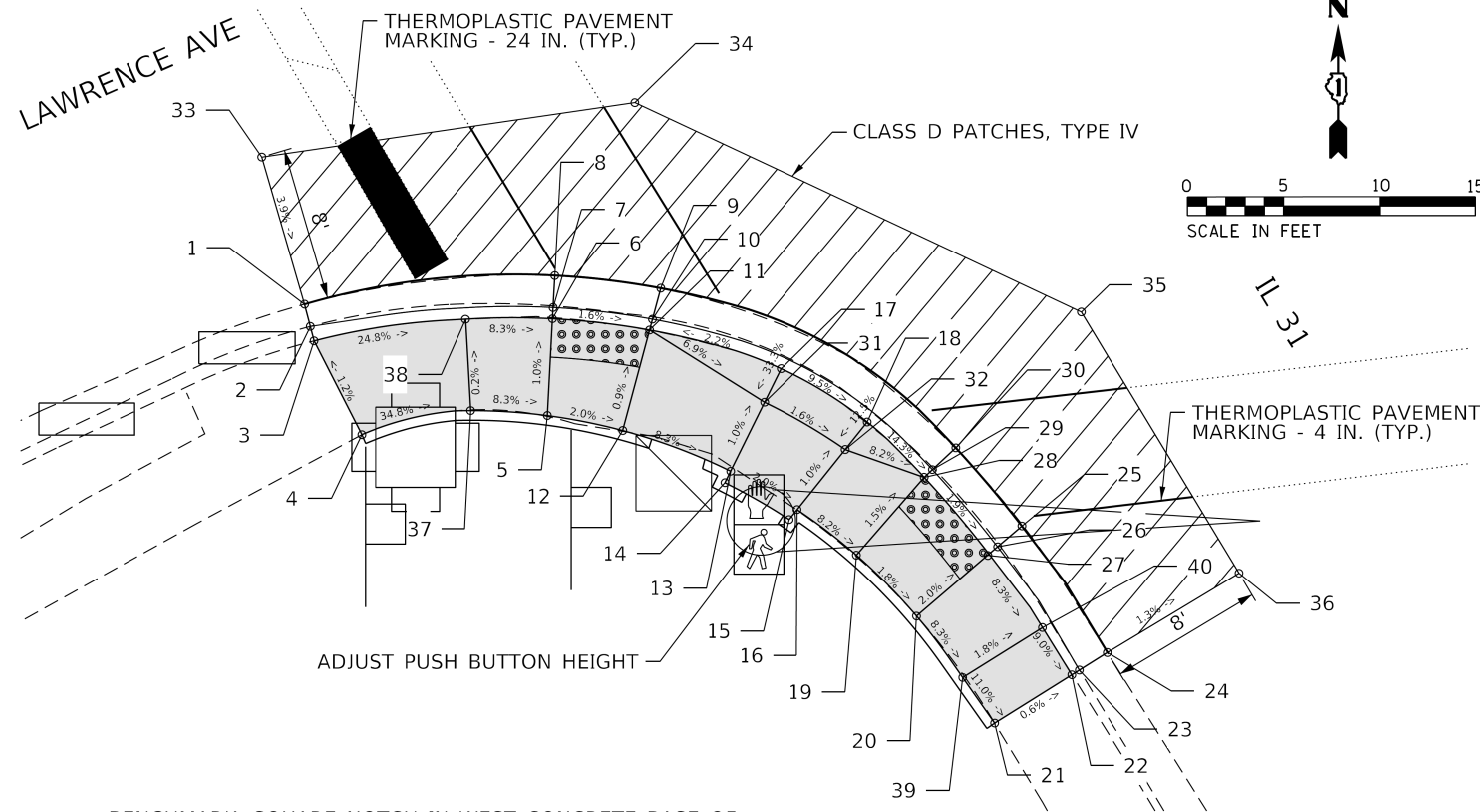
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	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - AWM	REVISED -
PLOT DATE = 5/5/2020	DATE - 4/27/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
WALNUT AVE. TO WING ST.

SCALE: 1" = 10' SHEET 8 OF 11 SHEETS STA. TO STA.

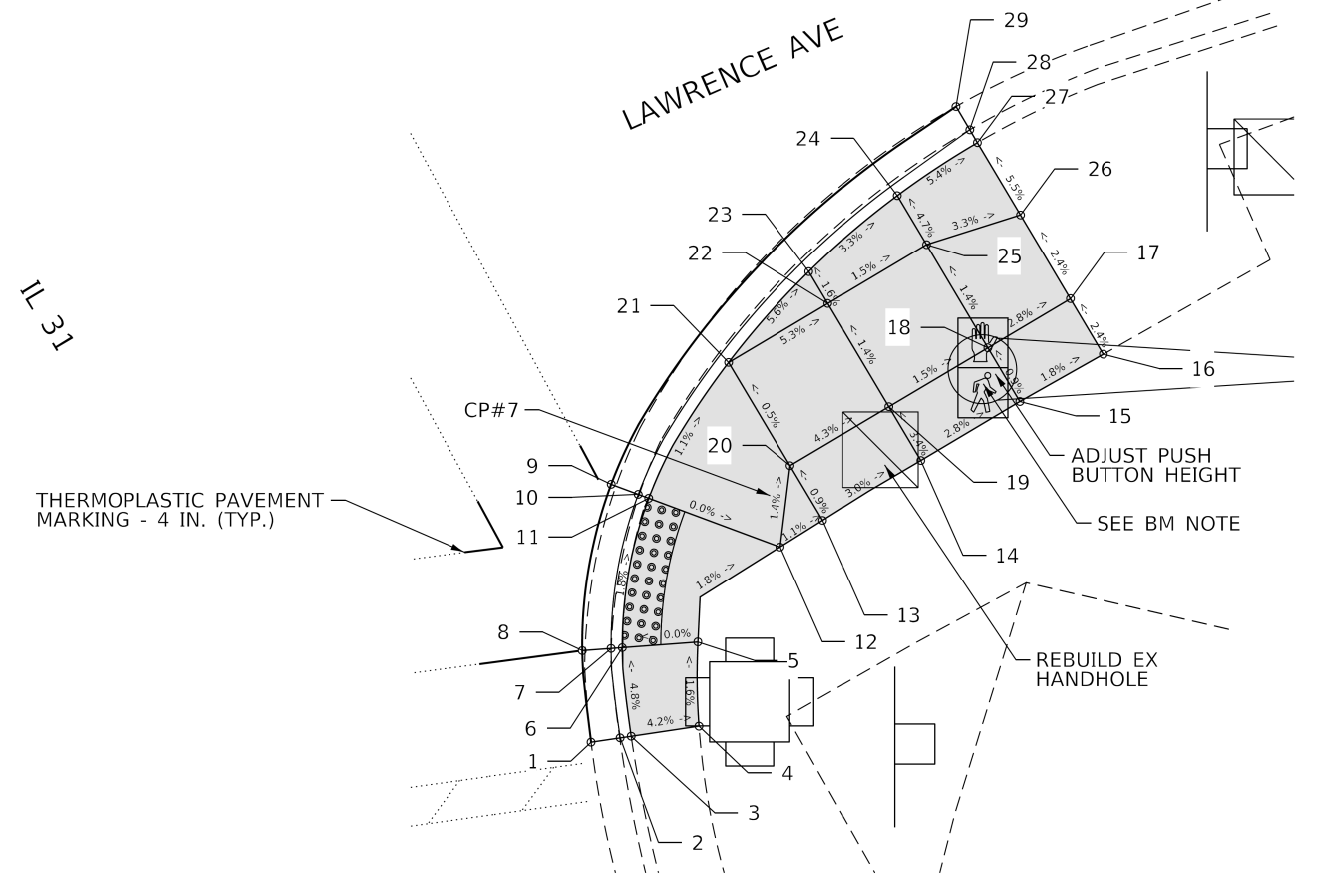
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25H
CONTRACT NO. 62K71			ILLINOIS FED. AID PROJECT	



BENCHMARK: SQUARE NOTCH IN WEST CONCRETE BASE OF TRAFFIC SIGNAL MAST ARM IN THE SOUTHEAST CORNER OF IL 31 & LAWRENCE AVE. ELEVATION = 726.13

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	732.67	732.67	1957633.40	995689.42
2	732.64	732.64	1957632.25	995689.71
3	733.21	733.21	1957631.49	995689.91
4	733.28	733.28	1957626.61	995692.40
5	731.85	730.91	1957627.61	995702.07
6	731.57	730.86	1957632.64	995702.34
7	731.47	730.82	1957633.23	995702.37
8	731.48	730.86	1957634.89	995702.46
9	730.97	730.78	1957634.24	995707.97
10	731.00	730.74	1957632.62	995707.54
11	731.10	730.78	1957632.06	995707.39
12	731.47	730.83	1957626.83	995705.99
13	731.19	730.33	1957624.72	995711.61
14	731.76	730.34	1957624.12	995711.31
15	731.08	730.36	1957622.19	995714.65
16	730.42	730.25	1957622.71	995715.07
17	730.68	730.94	1957630.05	995714.24
18	729.97	730.44	1957627.27	995718.73
19	729.96	729.93	1957620.34	995718.16
20	729.57	729.85	1957617.17	995721.30

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
21	729.20	729.20	1957611.60	995725.38
22	729.17	729.17	1957614.12	995729.41
23	728.97	728.97	1957614.36	995729.80
24	728.95	728.95	1957615.27	995731.27
25	729.23	729.71	1957621.86	995726.81
26	729.21	729.71	1957620.78	995725.54
27	729.30	729.75	1957620.40	995725.09
28	729.56	729.85	1957624.40	995721.71
29	729.47	729.81	1957624.80	995722.13
30	729.48	729.85	1957625.93	995723.35
31	730.77	730.29	1957628.30	995713.38
32	730.12	730.21	1957625.84	995717.58
33	732.98	732.98	1957641.08	995687.19
34	731.01	731.01	1957643.92	995706.62
35	729.45	729.45	1957633.00	995729.91
36	728.84	728.84	1957619.40	995738.12
37	732.26	731.23	1957632.63	995697.81
38	732.39	731.24	1957627.86	995698.08
39	729.34	729.52	1957613.98	995723.71
40	729.25	729.43	1957616.57	995727.88



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	726.43	726.43	1957628.98	995817.46
2	726.40	726.40	1957629.21	995818.97
3	726.67	726.67	1957629.29	995819.55
4	726.52	726.52	1957629.81	995823.08
5	726.45	726.45	1957634.20	995823.02
6	726.56	726.45	1957633.90	995819.09
7	726.44	726.42	1957633.86	995818.50
8	726.50	726.48	1957633.74	995817.00
9	726.38	726.34	1957642.41	995818.51
10	726.33	726.27	1957641.88	995819.92
11	726.45	726.31	1957641.68	995820.46
12	726.31	726.31	1957639.14	995827.29
13	726.28	726.28	1957640.53	995829.51
14	726.10	726.10	1957643.64	995834.64
15	725.93	725.93	1957646.71	995839.79
16	725.84	725.84	1957649.17	995844.15
17	725.76	725.76	1957652.06	995842.43
18	725.90	725.90	1957649.51	995838.13

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
19	726.11	725.99	1957646.44	995832.97
20	726.29	726.25	1957643.37	995827.81
21	726.32	726.22	1957648.74	995824.62
22	726.04	725.90	1957651.81	995829.78
23	726.00	725.87	1957653.47	995828.79
24	725.67	725.67	1957657.44	995833.41
25	725.77	725.81	1957654.88	995834.93
26	725.64	725.64	1957656.43	995839.83
27	725.40	725.40	1957660.20	995837.58
28	724.99	724.99	1957660.87	995837.18
29	725.07	725.07	1957662.08	995836.46

CONTROL POINT: CP#7  
 ELEVATION: 773.13  
 NORTHING: 1957641.82  
 EASTING: 995826.77  
 DESCRIPTION: "X" IN SIDEWALK IN THE SOUTHEAST CORNER OF IL 31 & LAWRENCE

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#7  
 ELEVATION: 773.13  
 NORTHING: 1957641.82  
 EASTING: 995826.77  
 DESCRIPTION: "X" IN SIDEWALK IN THE SOUTHEAST CORNER OF IL 31 & LAWRENCE

SHEET ADDED 05/18/2020

MODEL: Default  
 FILE NAME: 3/13/2020/201016-PTB 177-004 D1 - 021W0 20 - 62K71 IL 31 - ADA\_Ramps/CADD/CADD Sheets/09\_D136820-PTB-ADA-Lawrence-Ave.dgn



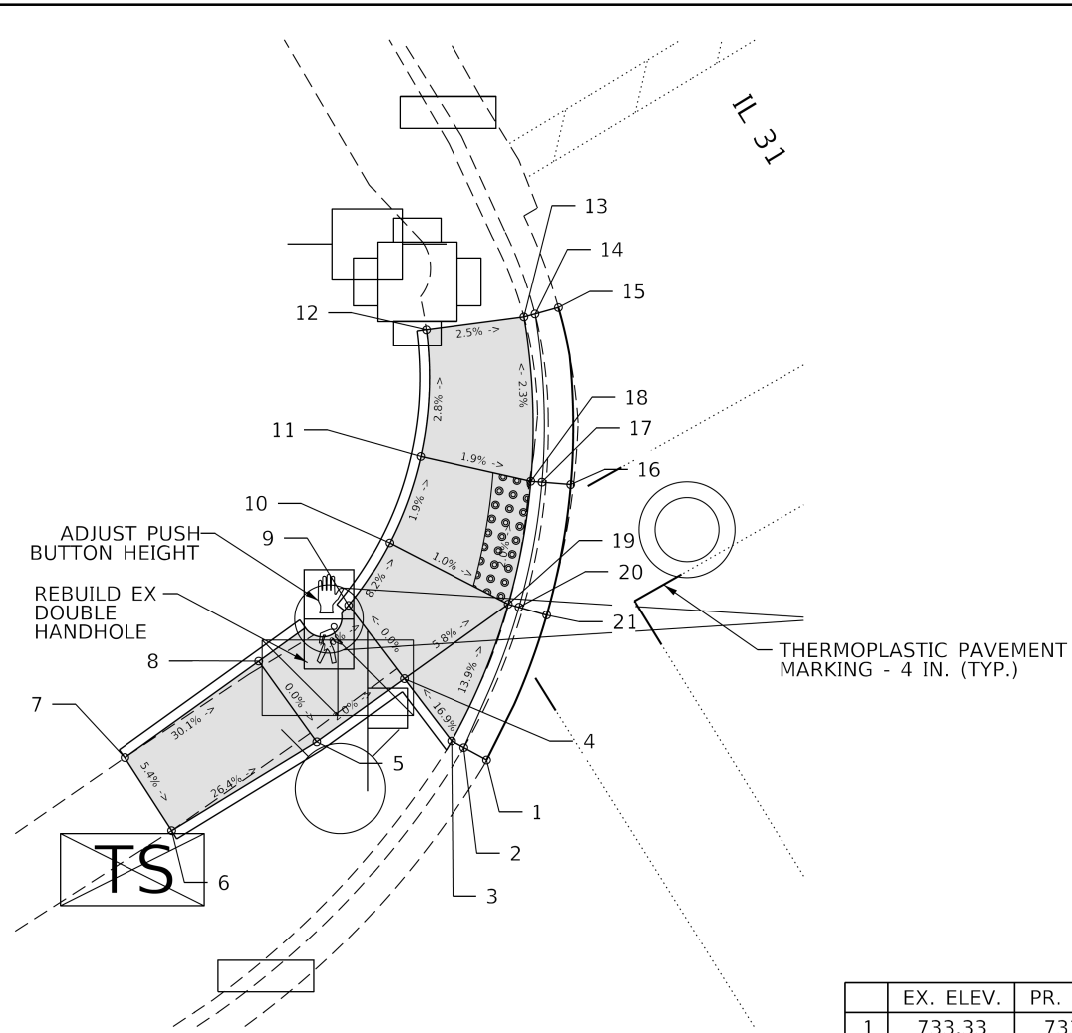
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	DRAWN - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - AWM	REVISED -
PLOT DATE = 5/5/2020	DATE - 4/27/2020	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
 WALNUT AVE. TO WING ST.

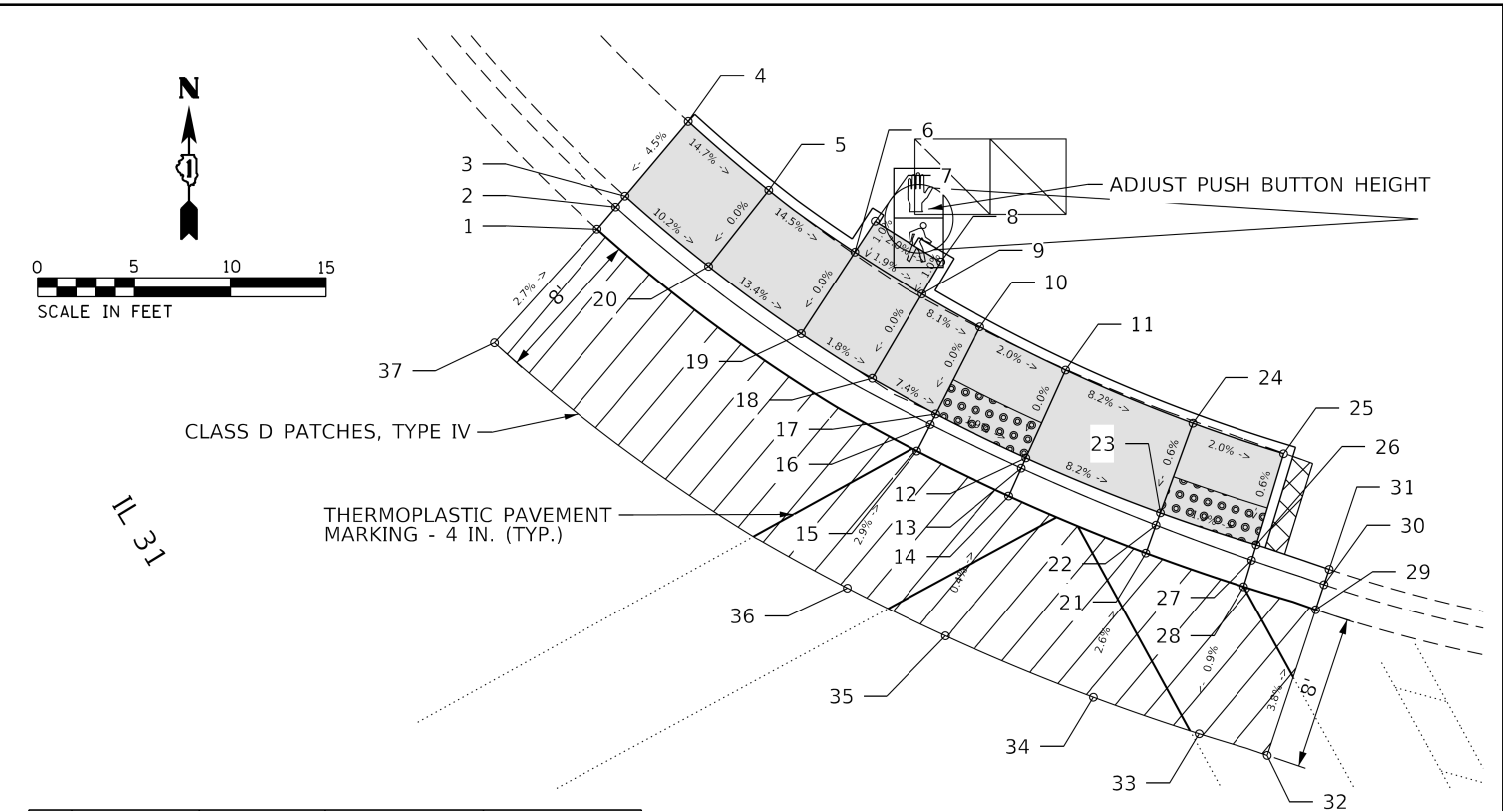
SCALE: 1" = 10' SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	251
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	733.33	733.33	1957678.52	995670.77
2	733.31	733.31	1957679.16	995669.58
3	733.77	733.77	1957679.51	995668.94
4	733.87	733.08	1957682.75	995666.48
5	734.41	733.19	1957679.46	995661.91
6	735.53	735.53	1957674.85	995654.36
7	735.77	735.77	1957678.65	995651.92
8	734.59	733.19	1957683.66	995658.89
9	733.92	733.08	1957686.58	995663.57
10	733.47	732.76	1957689.83	995665.70
11	732.99	732.67	1957694.32	995667.33
12	732.49	732.49	1957700.89	995667.62
13	732.36	732.36	1957701.56	995672.72
14	731.96	731.96	1957701.72	995673.29
15	732.05	732.05	1957702.06	995674.51
16	732.44	732.52	1957692.86	995675.15
17	732.48	732.52	1957692.99	995673.65
18	732.47	732.56	1957693.04	995673.07
19	732.90	732.69	1957686.64	995671.89
20	732.84	732.65	1957686.48	995672.46
21	732.80	732.72	1957686.07	995673.90

BENCHMARK: SQUARE NOTCH IN W CONCRETE BASE OF TRAFFIC SIGNAL MAST ARM IN THE SOUTHEAST CORNER OF IL 31 & LAWRENCE.  
ELEVATION = 726.13



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	730.01	730.01	1957746.87	995737.36
2	729.96	729.96	1957748.02	995738.33
3	730.46	730.46	1957748.59	995738.81
4	730.69	730.69	1957752.49	995742.10
5	730.31	729.88	1957748.90	995746.29
6	729.87	729.08	1957745.67	995750.77
7	729.87	729.10	1957747.29	995751.83
8	729.52	729.02	1957745.16	995755.26
9	729.49	729.00	1957743.47	995754.27
10	729.19	728.72	1957741.76	995757.29
11	728.75	728.62	1957739.51	995761.76
12	728.41	728.62	1957734.94	995759.69
13	728.38	728.58	1957734.41	995759.45
14	728.43	728.58	1957732.97	995758.79
15	728.79	728.68	1957735.30	995754.01
16	728.75	728.68	1957736.68	995754.71
17	728.82	728.72	1957737.23	995754.99
18	729.39	729.00	1957739.08	995751.68
19	729.73	729.08	1957741.40	995747.98
20	730.11	729.88	1957744.92	995743.16
21	727.91	727.96	1957730.00	995765.93
22	727.86	727.96	1957731.46	995766.46
23	727.90	728.00	1957732.09	995766.69
24	728.20	728.03	1957736.75	995768.38
25	727.95	727.93	1957735.16	995773.12
26	727.61	727.90	1957730.43	995771.69
27	727.49	727.86	1957729.62	995771.44
28	727.55	727.86	1957728.24	995771.02

BENCHMARK: SQUARE NOTCH IN W CONCRETE BASE OF TRAFFIC SIGNAL MAST ARM IN THE SOUTHEAST CORNER OF IL 31 & LAWRENCE.  
ELEVATION = 726.13

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
29	727.29	727.29	1957727.05	995774.79
30	727.23	727.23	1957728.35	995775.23
31	727.53	727.53	1957729.15	995775.49
32	727.60	727.60	1957719.46	995772.26
33	727.79	727.79	1957720.58	995768.71
34	728.17	728.17	1957722.48	995763.20
35	728.61	728.61	1957725.68	995755.49
36	728.91	728.91	1957728.17	995750.38
37	730.22	730.22	1957740.93	995732.00

CONTROL POINT: CP#7  
ELEVATION: 773.13  
NORTHING: 1957641.82  
EASTING: 995826.77  
DESCRIPTION: "X" IN SIDEWALK IN THE SOUTHEAST CORNER OF IL 31 & LAWRENCE

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#7  
ELEVATION: 773.13  
NORTHING: 1957641.82  
EASTING: 995826.77  
DESCRIPTION: "X" IN SIDEWALK IN THE SOUTHEAST CORNER OF IL 31 & LAWRENCE

SHEET ADDED 05/18/2020

MODEL: Default  
FILE NAME: 3/13/2020 10:16:47 177-004 D1 - 02171 IL 31 - ADA\_Ramp\_IL31\_CADD\_Sheets\10\_D136820-INT-ADA-Lawrence-Ave.dgn



USER NAME = LGarrett	DESIGNED - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

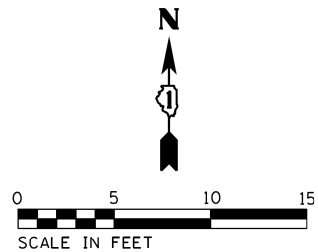
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
WALNUT AVE. TO WING ST.

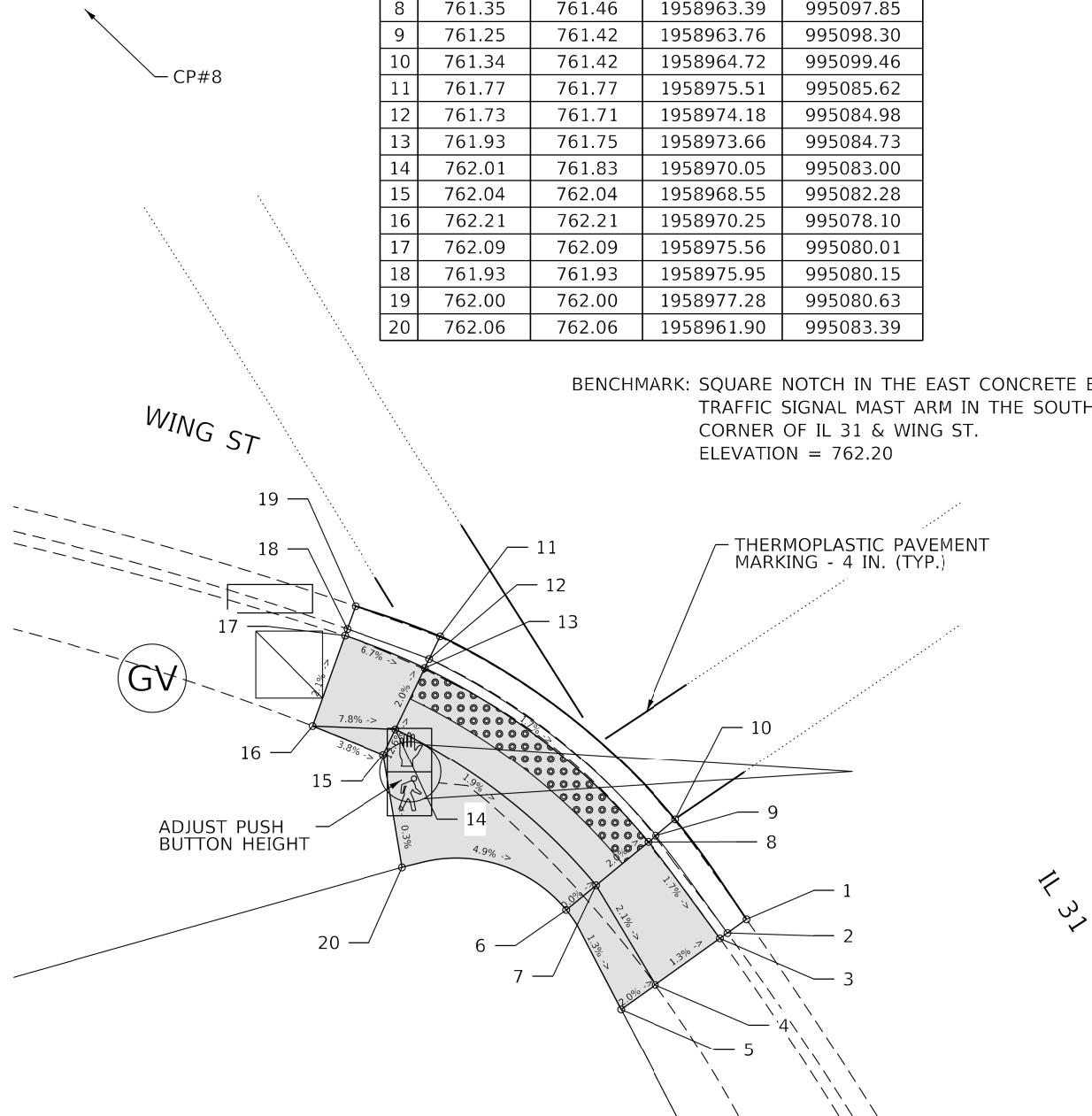
SCALE: 1" = 10' SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	251
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K71	

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	761.18	761.18	1958958.84	995103.66
2	761.07	761.07	1958958.03	995102.54
3	761.34	761.34	1958957.72	995102.10
4	761.40	761.40	1958954.98	995098.27
5	761.45	761.45	1958953.54	995096.25
6	761.54	761.54	1958959.39	995093.02
7	761.51	761.54	1958960.84	995094.77
8	761.35	761.46	1958963.39	995097.85
9	761.25	761.42	1958963.76	995098.30
10	761.34	761.42	1958964.72	995099.46
11	761.77	761.77	1958975.51	995085.62
12	761.73	761.71	1958974.18	995084.98
13	761.93	761.75	1958973.66	995084.73
14	762.01	761.83	1958970.05	995083.00
15	762.04	762.04	1958968.55	995082.28
16	762.21	762.21	1958970.25	995078.10
17	762.09	762.09	1958975.56	995080.01
18	761.93	761.93	1958975.95	995080.15
19	762.00	762.00	1958977.28	995080.63
20	762.06	762.06	1958961.90	995083.39



BENCHMARK: SQUARE NOTCH IN THE EAST CONCRETE BASE OF THE TRAFFIC SIGNAL MAST ARM IN THE SOUTHWEST CORNER OF IL 31 & WING ST.  
ELEVATION = 762.20



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CONTROL POINT: CP#8  
ELEVATION: 762.64  
NORTHING: 1959012.38  
EASTING: 995064.72  
DESCRIPTION: "X" IN THE ISLAND IN THE CENTER OF WING ST AT IL 31

**LEGEND**

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT:  
ELEVATION:  
NORTHING:  
EASTING:  
DESCRIPTION:

SHEET ADDED 05/18/2020

MODEL: Default  
FILE NAME: 3/13/2020/201016-PTB 177-004 D1 - OEI\W0 20 - 62K71 IL 31 - ADA Ramp\CADD\CADD Sheets\11 D136820-INT-ADA-Wing-St.dgn



USER NAME = LGarrett	DESIGNED - LEG	REVISED -
PLOT SCALE = 10.0000' / 1"	DRAWN - LEG	REVISED -
PLOT DATE = 5/5/2020	CHECKED - AWM	REVISED -
	DATE - 4/27/2020	REVISED -

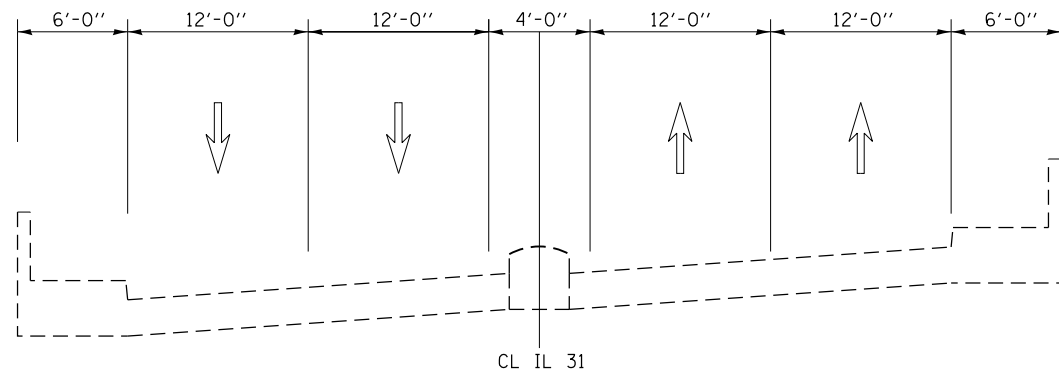
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ADA RAMP DESIGN  
WALNUT AVE. TO WING ST.

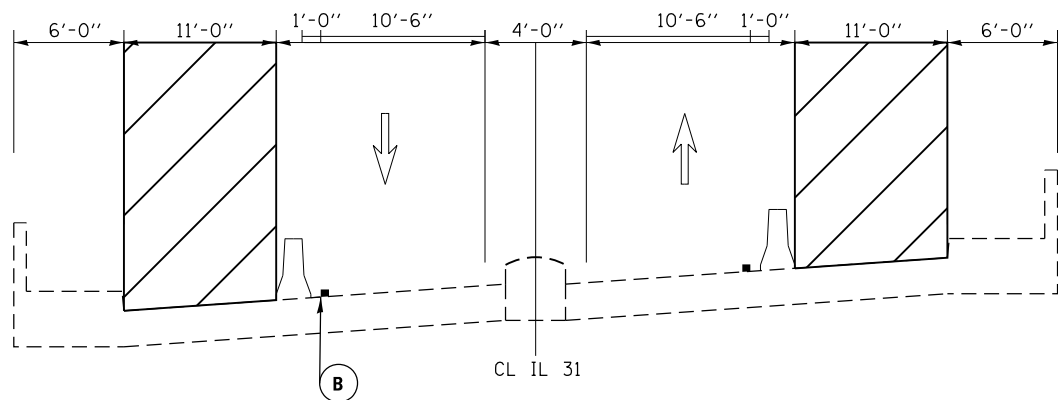
SCALE: 1" = 10' SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	25K
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				

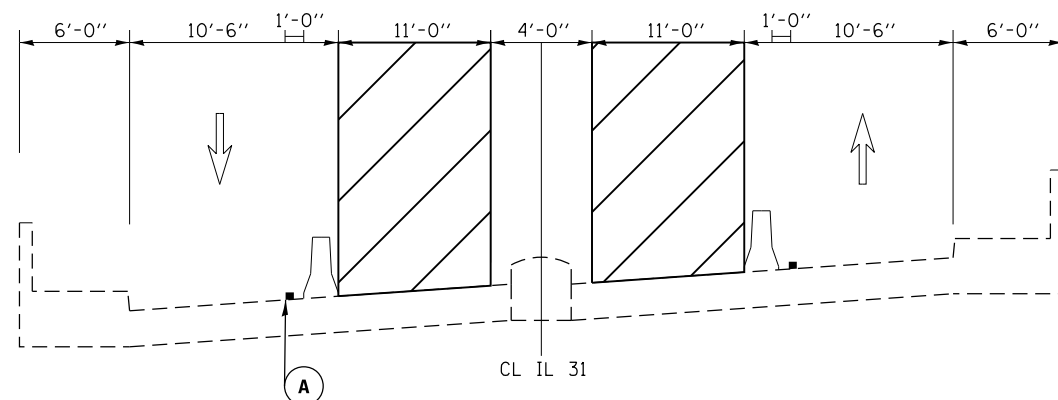




IL 31 OVER US 20  
EXISTING TYPICAL







IL 31 OVER US 20  
STAGE 1 CONSTRUCTION



IL 31 OVER US 20  
STAGE 2 CONSTRUCTION

MOT TYPICAL LEGEND

-  WORK AREA
-  TEMPORARY CONCRETE BARRIER WITH TYPE C MARKERS
-  4" SOLID YELLOW
-  4" SOLID WHITE

REVISED SHEET 05/18/2020

MODEL: Default  
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/24/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS  
IL RTE 31 (WEST RD TO STROM DR)

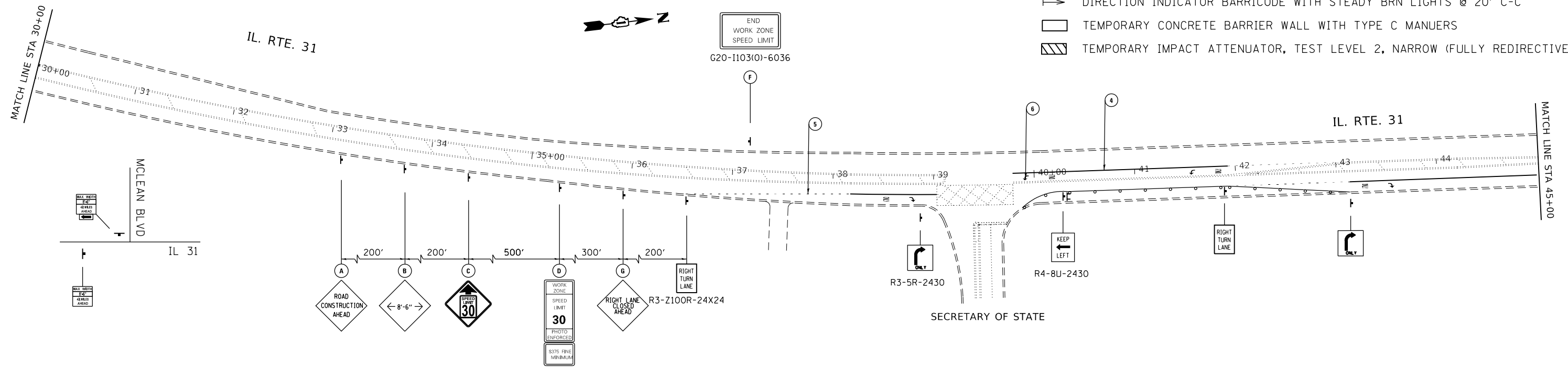
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K71	

\*ALL MAX WIDTH SIGNS SHALL REMAIN INSTALLED FOR STAGE 2

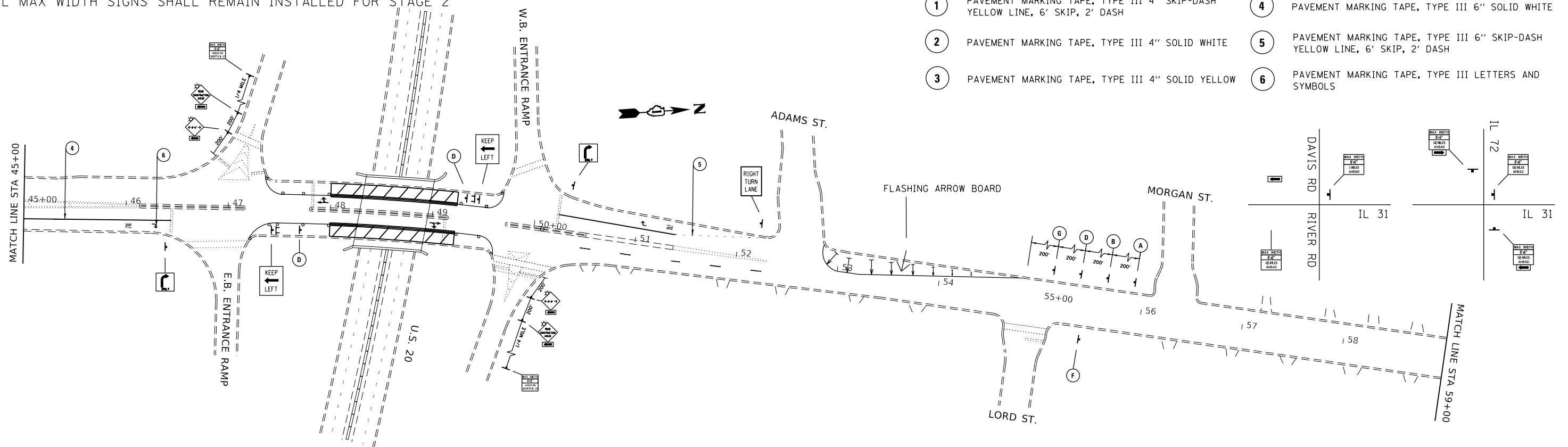
LEGEND

- WORK ZONE
- DRUMS @ 50' C-C (TANGENTS) @ 20' C-C (RADII & CURVES)
- DIRECTION INDICATOR BARRICODE WITH STEADY BRN LIGHTS @ 20' C-C
- TEMPORARY CONCRETE BARRIER WALL WITH TYPE C MANUERS
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2, NARROW (FULLY REDIRECTIVE)



\*ALL MAX WIDTH SIGNS SHALL REMAIN INSTALLED FOR STAGE 2

- ① PAVEMENT MARKING TAPE, TYPE III 4" SKIP-DASH YELLOW LINE, 6' SKIP, 2' DASH
- ② PAVEMENT MARKING TAPE, TYPE III 4" SOLID WHITE
- ③ PAVEMENT MARKING TAPE, TYPE III 4" SOLID YELLOW
- ④ PAVEMENT MARKING TAPE, TYPE III 6" SOLID WHITE
- ⑤ PAVEMENT MARKING TAPE, TYPE III 6" SKIP-DASH YELLOW LINE, 6' SKIP, 2' DASH
- ⑥ PAVEMENT MARKING TAPE, TYPE III LETTERS AND SYMBOLS



REVISED SHEET 05/18/2020

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

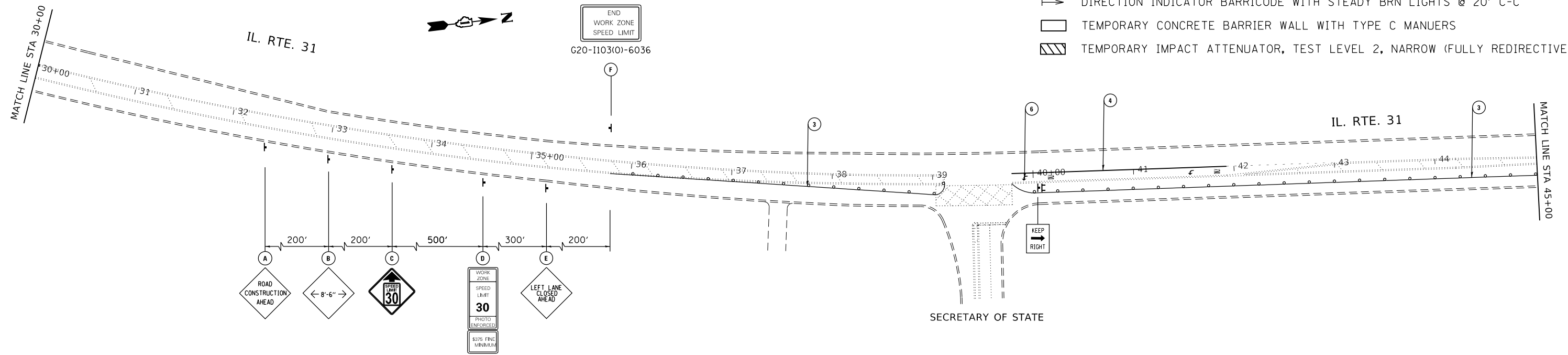
STAGE 1 MOT			
IL RTE 31 (WEST RD TO STROM DR)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	27
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				

\*ALL MAX WIDTH SIGNS SHALL REMAIN INSTALLED FOR STAGE 2

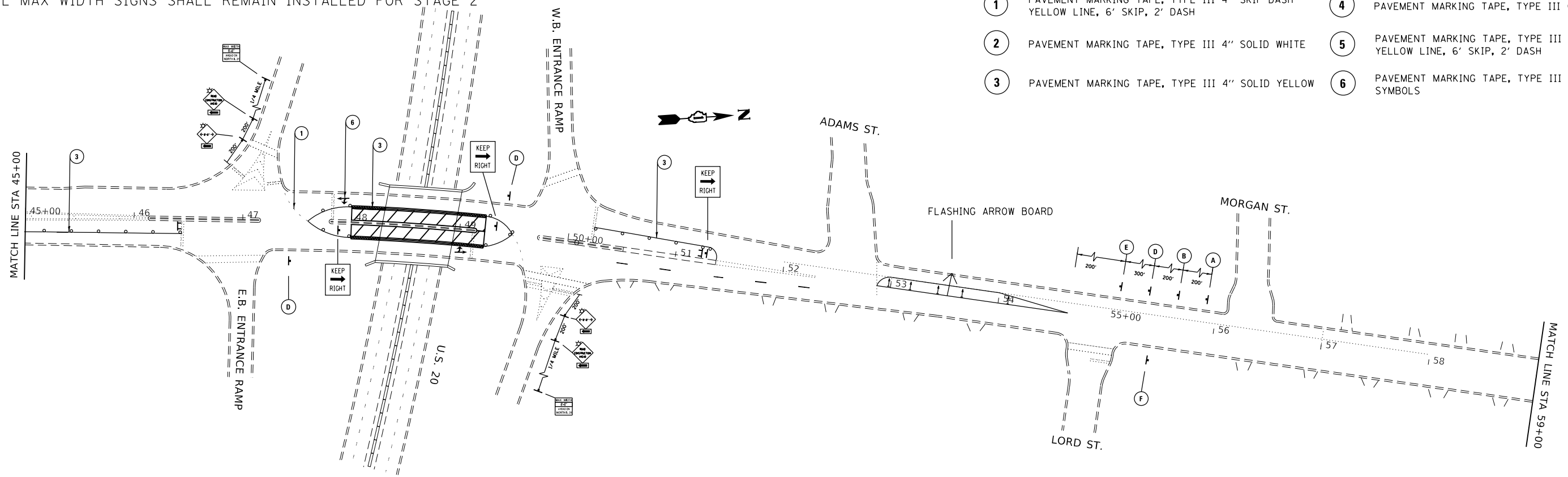
LEGEND

- WORK ZONE
- DRUMS @ 50' C-C (TANGENTS) @ 20' C-C (RADII & CURVES)
- DIRECTION INDICATOR BARRICODE WITH STEADY BRN LIGHTS @ 20' C-C
- TEMPORARY CONCRETE BARRIER WALL WITH TYPE C MANUEURS
- TEMPORARY IMPACT ATTENUATOR, TEST LEVEL 2, NARROW (FULLY REDIRECTIVE)



\*ALL MAX WIDTH SIGNS SHALL REMAIN INSTALLED FOR STAGE 2

- ① PAVEMENT MARKING TAPE, TYPE III 4" SKIP-DASH YELLOW LINE, 6' SKIP, 2' DASH
- ② PAVEMENT MARKING TAPE, TYPE III 4" SOLID WHITE
- ③ PAVEMENT MARKING TAPE, TYPE III 4" SOLID YELLOW
- ④ PAVEMENT MARKING TAPE, TYPE III 6" SOLID WHITE
- ⑤ PAVEMENT MARKING TAPE, TYPE III 6" SKIP-DASH YELLOW LINE, 6' SKIP, 2' DASH
- ⑥ PAVEMENT MARKING TAPE, TYPE III LETTERS AND SYMBOLS



SHEET ADDED 05/18/2020

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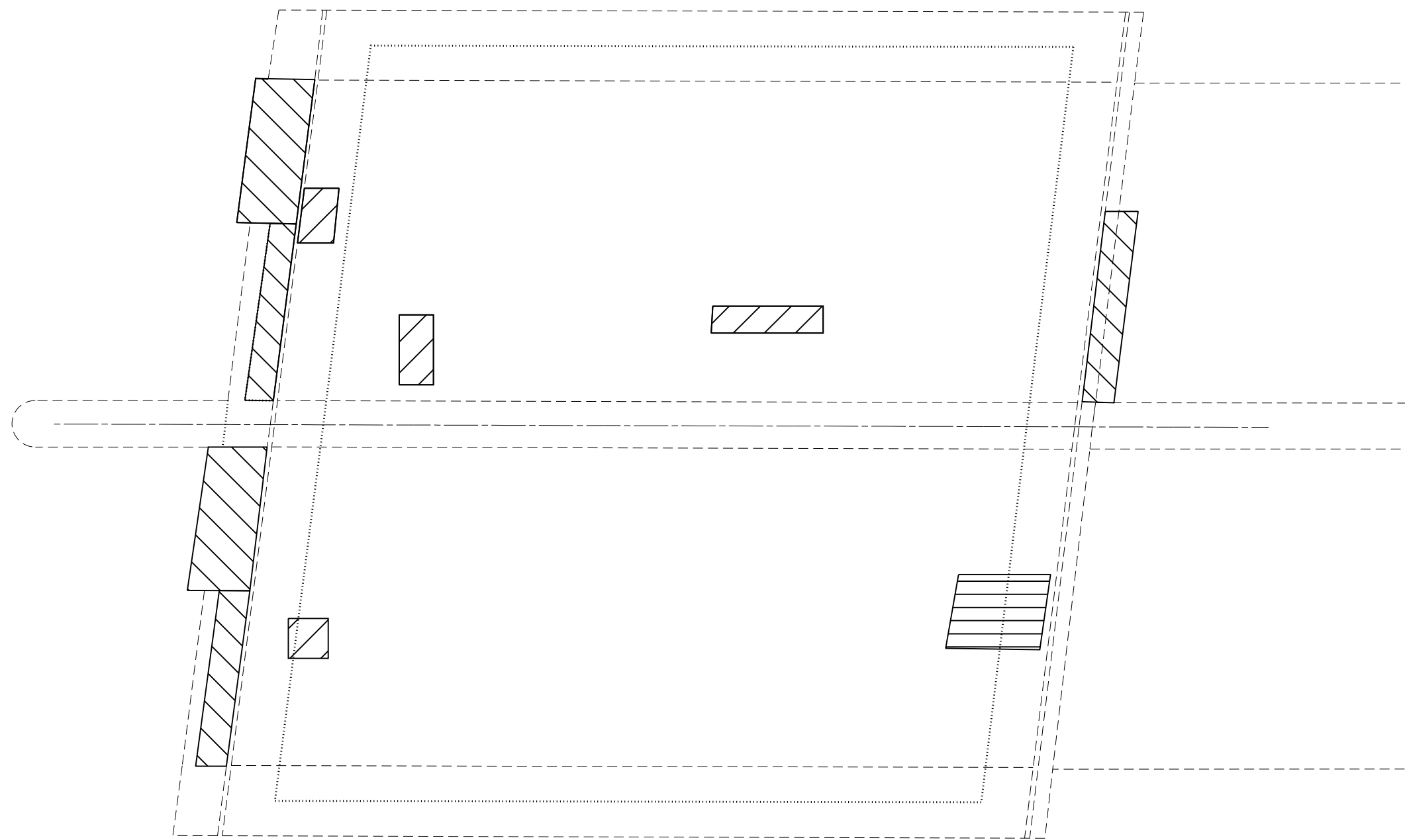
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STAGE 2 MOT  
IL RTE 31 (WEST RD TO STROM DR)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	27A
CONTRACT NO. 62K71				
ILLINOIS FED. AID PROJECT				



-  DECK SLAB REPAIR (FULL DEPTH, TYPE II)
-  DECK SLAB REPAIR (PARTIAL)
-  DECK SLAB REPAIR (PARTIAL DEPTH)

BILL OF MATERIALS

ITEM	UNIT	TOTAL
APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	17.7
DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	2.8
DECK SLAB REPAIR PARTIAL	SQ YD	4.3

REVISED SHEET 05/18/2020

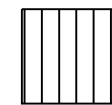
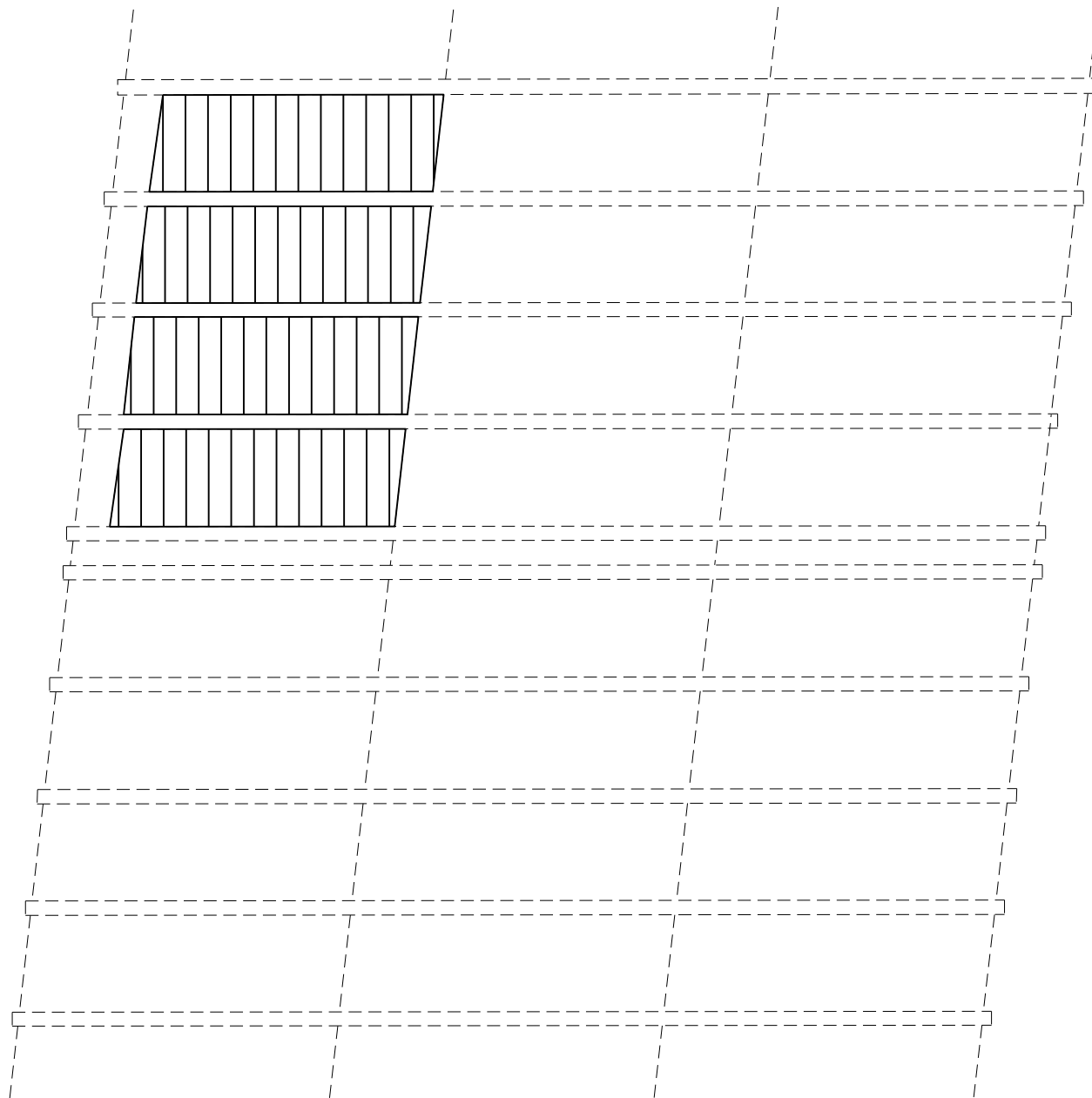
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PLOT DATE = 4/24/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>BRIDGE REPAIR DETAILS</b>			
<b>IL RTE 31 (WEST RD TO STROM DR)</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	28
			CONTRACT NO. 62K71	
		ILLINOIS	FED. AID PROJECT	



PROTECTIVE SHIELD

BILL OF MATERIALS

ITEM	UNIT	TOTAL
PROTECTIVE SHIELD	SQ YD	55

REVISED SHEET 05/18/2020

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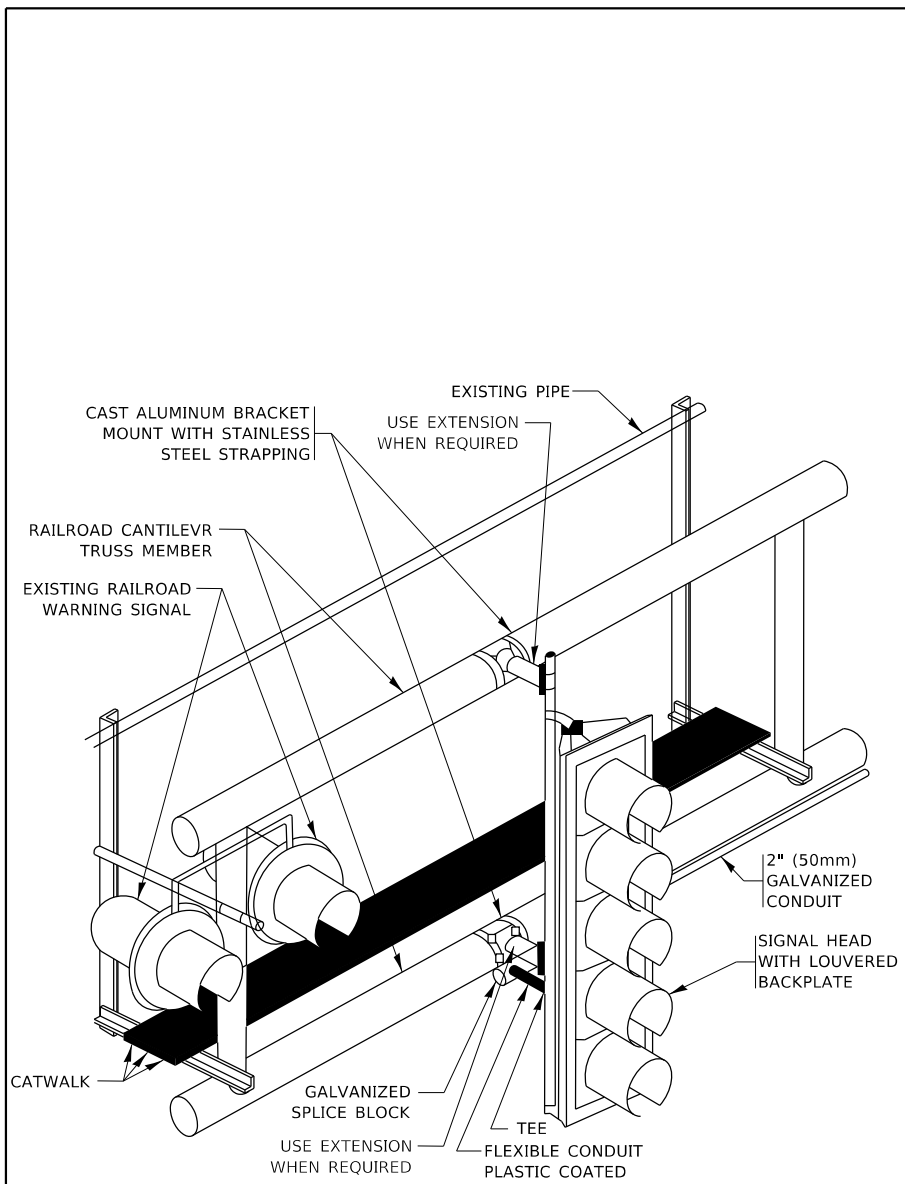
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>BRIDGE REPAIR DETAILS</b>			
<b>IL RTE 31 (WEST RD TO STROM DR)</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-R5&SW	KANE	64	29
CONTRACT NO. 62K71				
			ILLINOIS	FED. AID PROJECT





**RAILROAD CANTILEVER SIGNAL HEAD MOUNTING**

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION

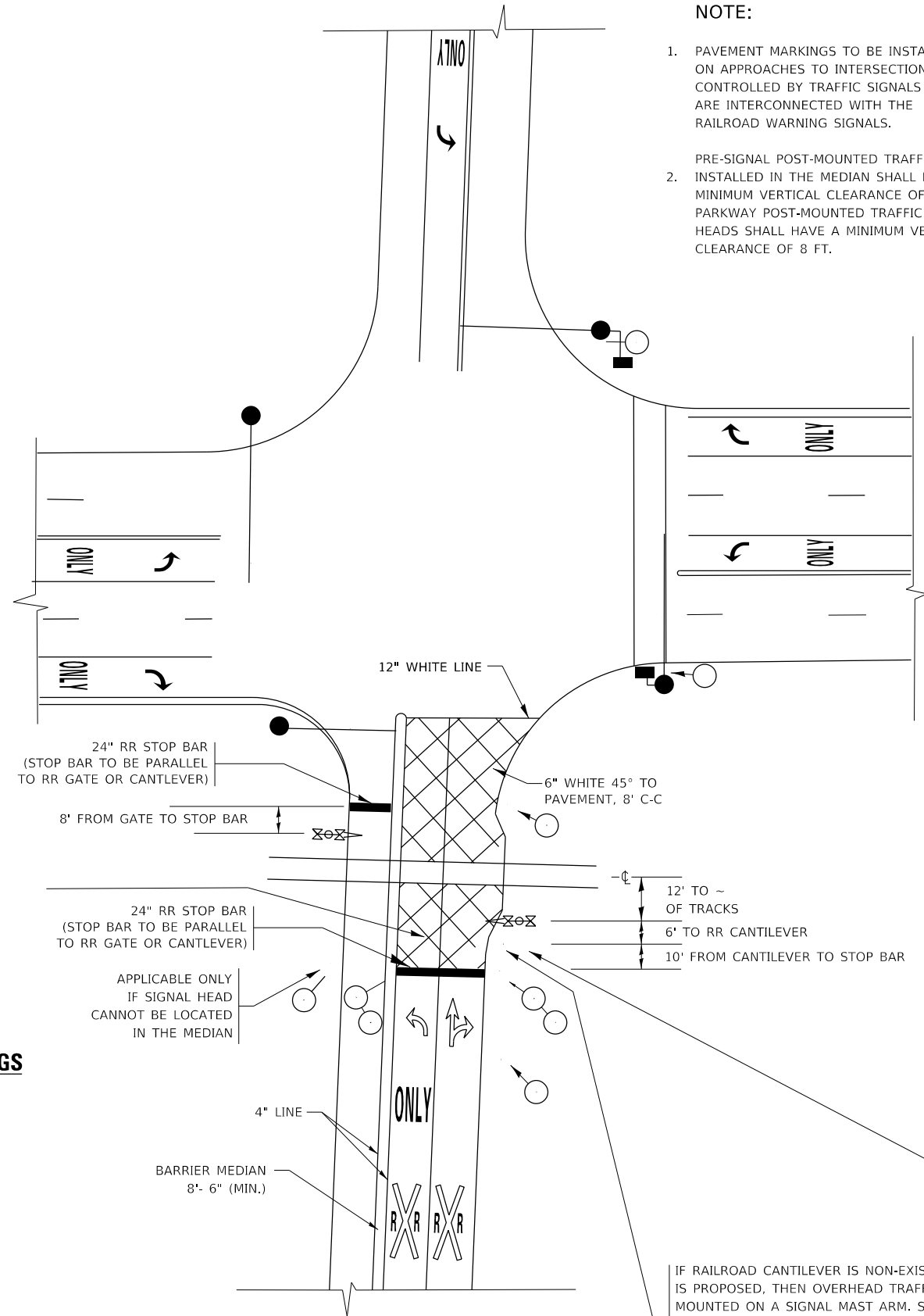
N.T.S.

**SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS**

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.

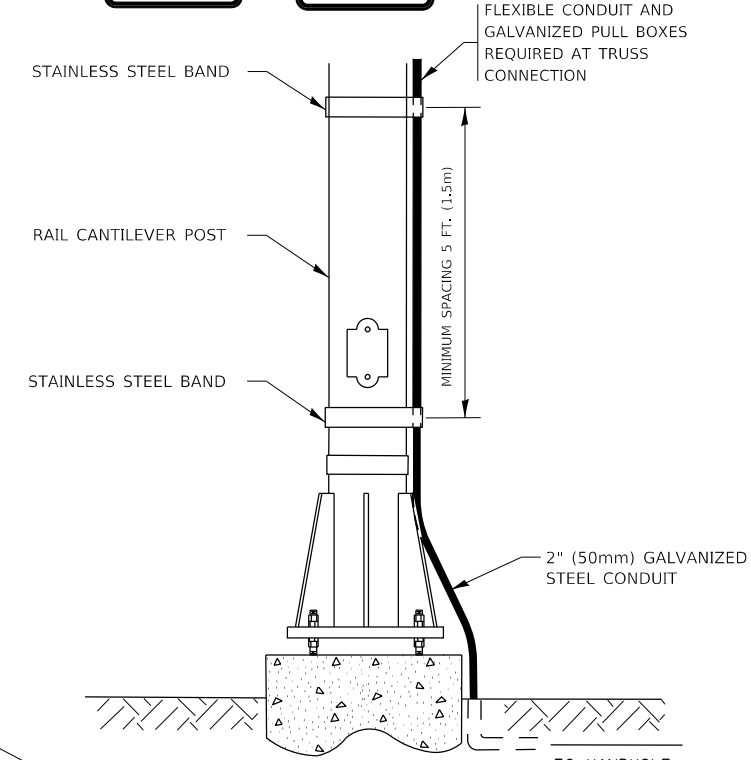
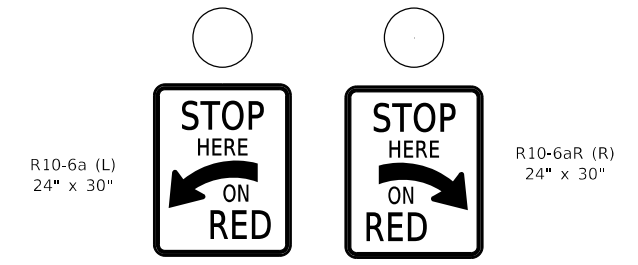
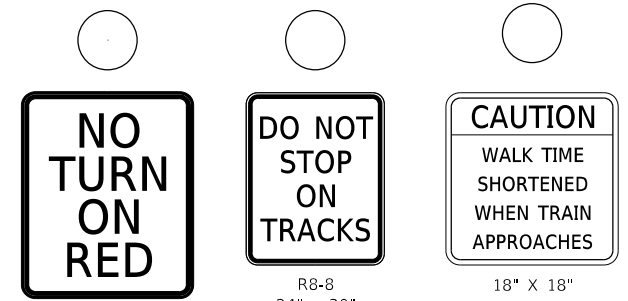


**SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL**

SHEET ADDED 05/18/2020

**NOTE:**

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



**SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL**

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

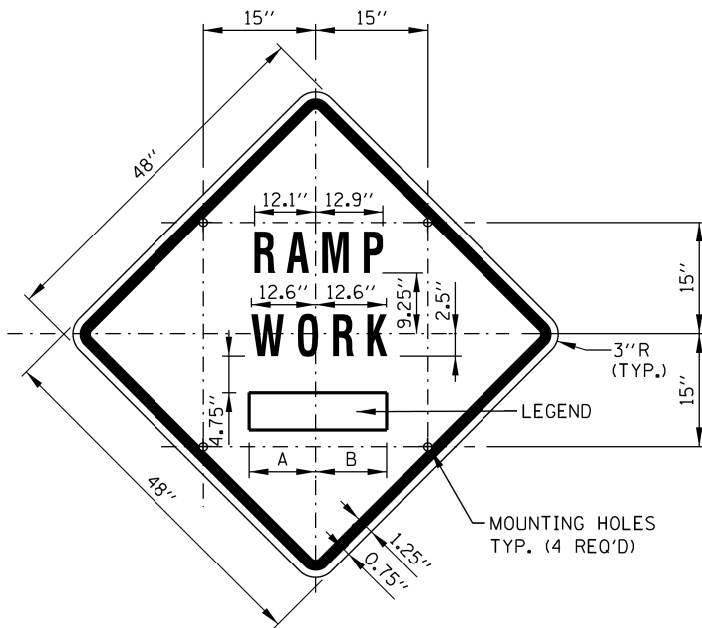
TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING  
TREATMENT FOR RAILROAD CROSSINGS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	2019-198-RS&SW	KANE	64	63A
CONTRACT NO. 62K71			ILLINOIS FED. AID PROJECT	

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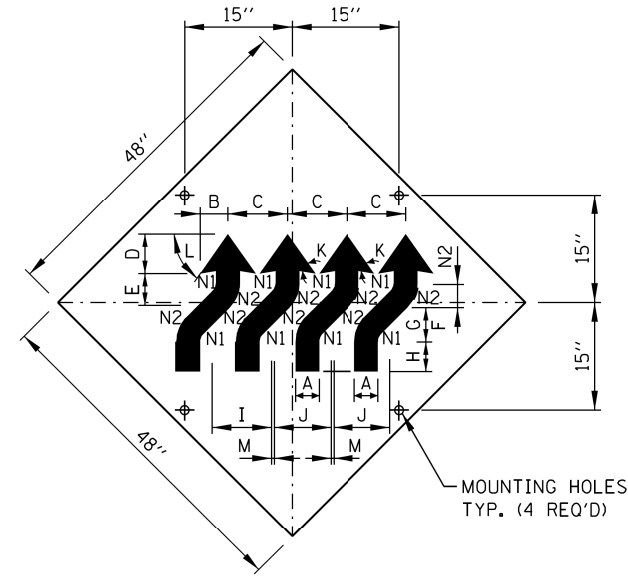




SIGN TS-2 (O)

COLOR: BACKGROUND - FLUORESCENT ORANGE (O)  
 BORDER AND SYMBOL - BLACK  
 SIZE: 48"x48"  
 LETTERING: 7" FEDERAL SERIES D  
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN

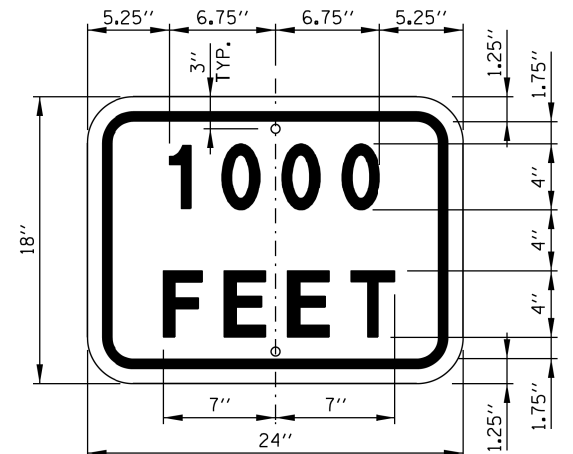
SIGN NO.	LEGEND	A	B
TS-2A	AHEAD	15.50"	15.50"
TS-2B	500 FT	14.25"	15.13"
TS-2C	1000 FT	14.88" L2	15.75" L2
TS-2D	1500 FT	14.88" L2	15.75" L2
TS-2E	1/2 MILE	15.75" L3	15.75" L3
TS-2F	1 MILE	13.06"	13.06"



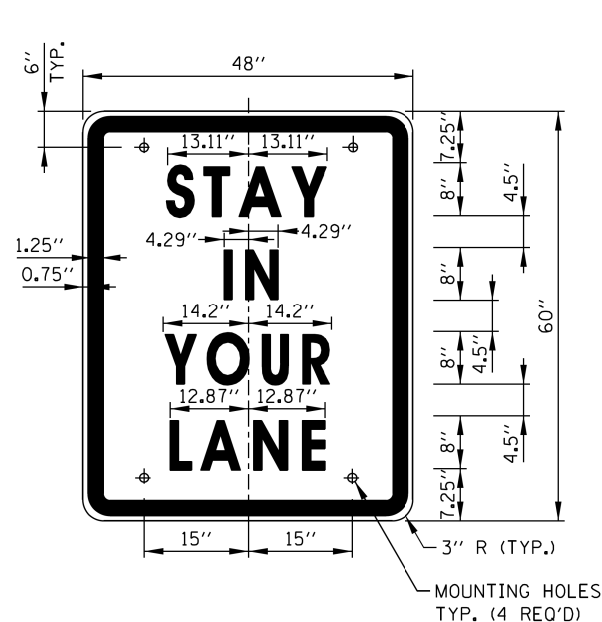
SIGN W1-4dR (O)

COLOR: BACKGROUND-FLUORESCENT ORANGE (O)  
 TYPE A REFLECTIVE  
 SHEETING PER STANDARD  
 SPECIFICATIONS (\*A)  
 BORDER AND LETTERS-BLACK  
 SIZE: 48"x48"  
 MOUNTING HOLES: 7/16" DIA., 4 HOLES SPACED AS SHOWN.

A	4 1/2"
B	5 3/4"
C	12 1/2"
D	7 3/4"
E	6 1/2"
F	4 1/2"
G	6 1/2"
H	6"
I	12 3/4"
J	12"
K	45°
L	55°
M	3/4"
N1	2"
N2	6 1/2"

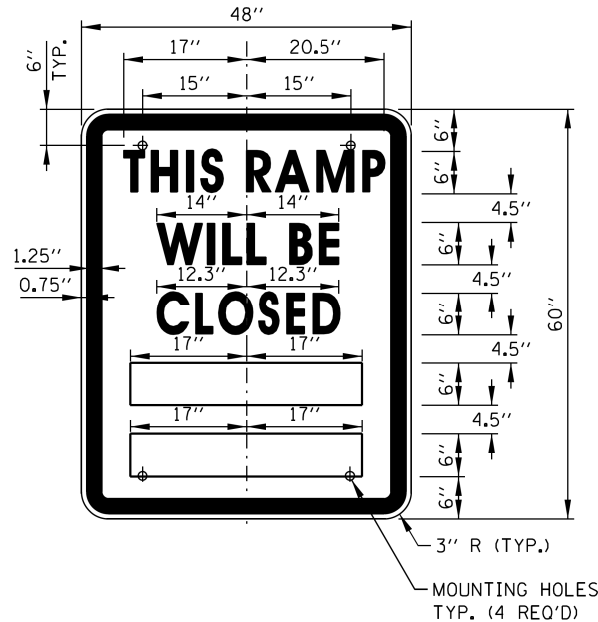


COLOR: BACKGROUND - FLUCESCENT ORANGE (O)  
 BORDER AND LETTTERS - BLACK  
 SIZE: 24"x18"  
 LETTERING: 4" FEDERAL SERIES D  
 MOUNTING HOLES: 7/16" DIA., 2 HOLES SPACED AS SHOWN



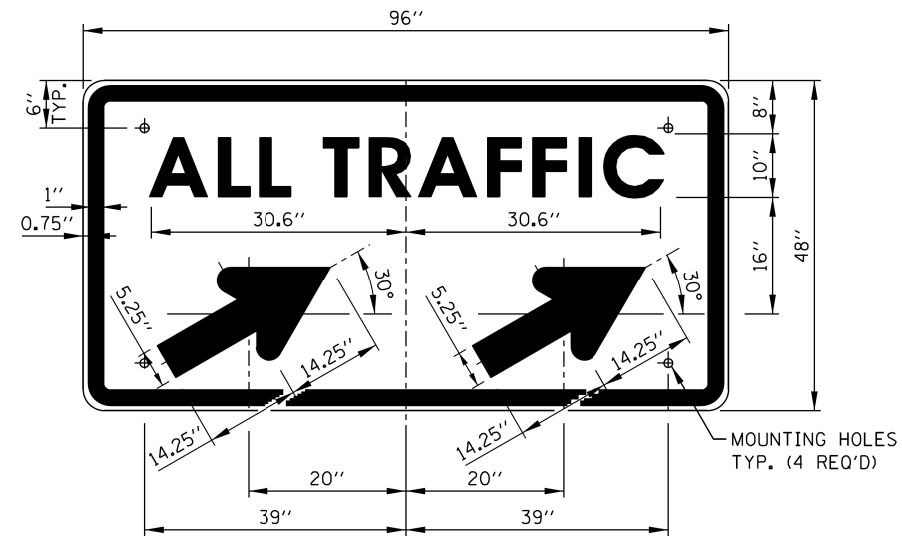
SIGN TS-3

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\*A)  
 BORDER AND LETTERS - BLACK  
 SIZE: 48"x60"  
 LETTERING: LEGEND - 8" FEDERAL SERIES D  
 MOUNTING HOLES: 7/16" DIA., 4 HOLES, SPACED AS SHOWN



SIGN TS-4

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\*A)  
 BORDER AND LETTERS - BLACK  
 SIZE: 48"x60"  
 LETTERING: LEGEND - 6" FEDERAL SERIES C  
 MOUNTING HOLES: 7/16" DIA., 4 HOLES, SPACED AS SHOWN



SIGN TS-5a & TS-5b

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\*A)  
 BORDER AND LETTERS - BLACK  
 ARROW - BLACK  
 SIZE: 96"x48"  
 LETTERING: 10" FEDERAL SERIES D  
 MOUNTING HOLES: 7/16" DIA., 4 HOLES, SPACED AS SHOWN  
 NOTE: SIGN TS-5a IS SHOWN, SUBSTITUTE LEGEND "▲" FOR "▲" FOR SIGN TS-5b

NOTES:

- ALL LETTERING IS DESIGNATED BY SIZE AND SERIES IN ACCORDANCE WITH THE LATEST EDITION OF "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" AS PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION. LETTERING SPACING SHALL BE IN ACCORDANCE WITH THIS GUIDE EXCEPT WHERE NOTED.
- SYMBOLS AND ARROWS SHALL CONFORM TO THE DETAILS SHOWN IN THE LATEST EDITION OF "STANDARD HIGHWAY SIGNS" AS PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.
- SEE THE CONTRACT REQUIREMENTS FOR ADDITIONAL NOTES AND SPECIFICATIONS.  
 (O) FLUORESCENT ORANGE REFLECTIVE SHEETING PER THE STANDARD SPECIFICATIONS.  
 (\*A) - REFLECTIVE SHEETING PER THE STANDARD SPECIFICATIONS.
- DIMENSIONS INDICATED THUS L ARE BASED ON A REDUCTION IN STANDARD LETTERING SPACING AS SHOWN BELOW:  
 L1 SPACING REDUCED BY 25%  
 L2 SPACING REDUCED BY 40%  
 L3 SPACING REDUCED BY 50%

RAMP CLOSURE ADVANCE INFORMATION SIGN

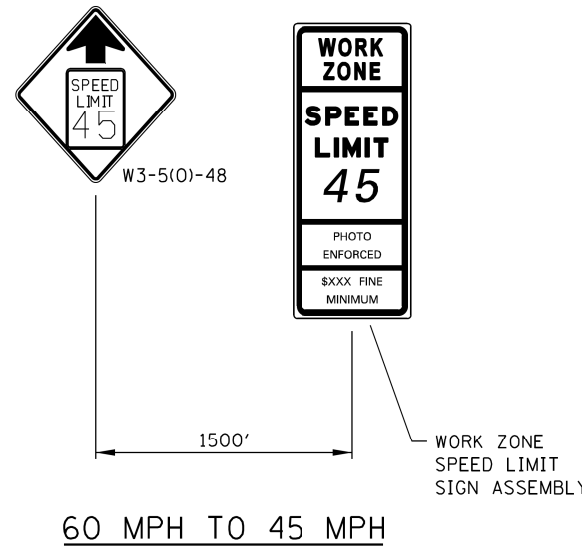
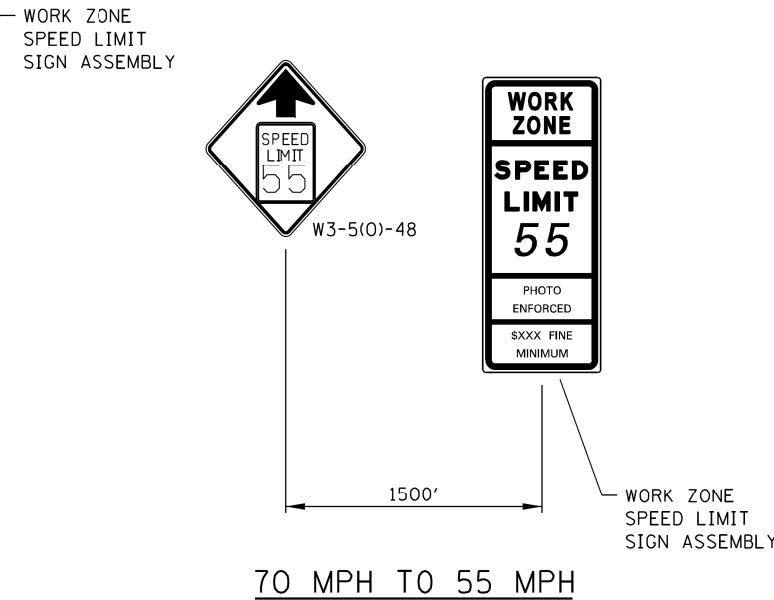
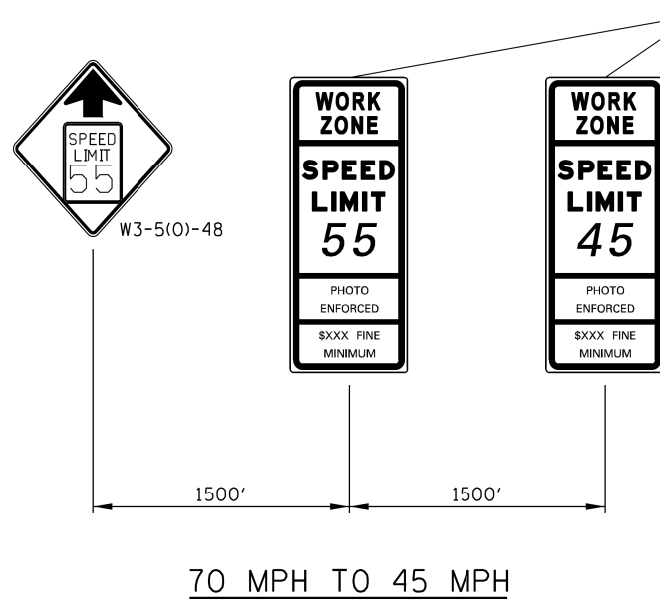
THE VARIABLE MESSAGE WITH DATES FOR THE BOTTOM TWO LINES SHALL BE DETERMINED BY THE ENGINEER AND GIVEN TO THE CONTRACTOR BEFORE THE REQUIRED FIELD ERECTION DATE.

DATE	REVISIONS
11-01-12	DELETED SIGN TS-1
03-31-14	REVISED FINE SIGN NUMBER AND ADDED LED SPEED LIMIT DISPLAY
3-11-2015	REVISED NOTES
3-31-2017	REVISED END WZSL SIGN COLOR
3-01-2019	REMOVED STANDARD IDOT SIGNS, REVISED WZSL ASSEMBLY, ADDED WZSL TRANSITION

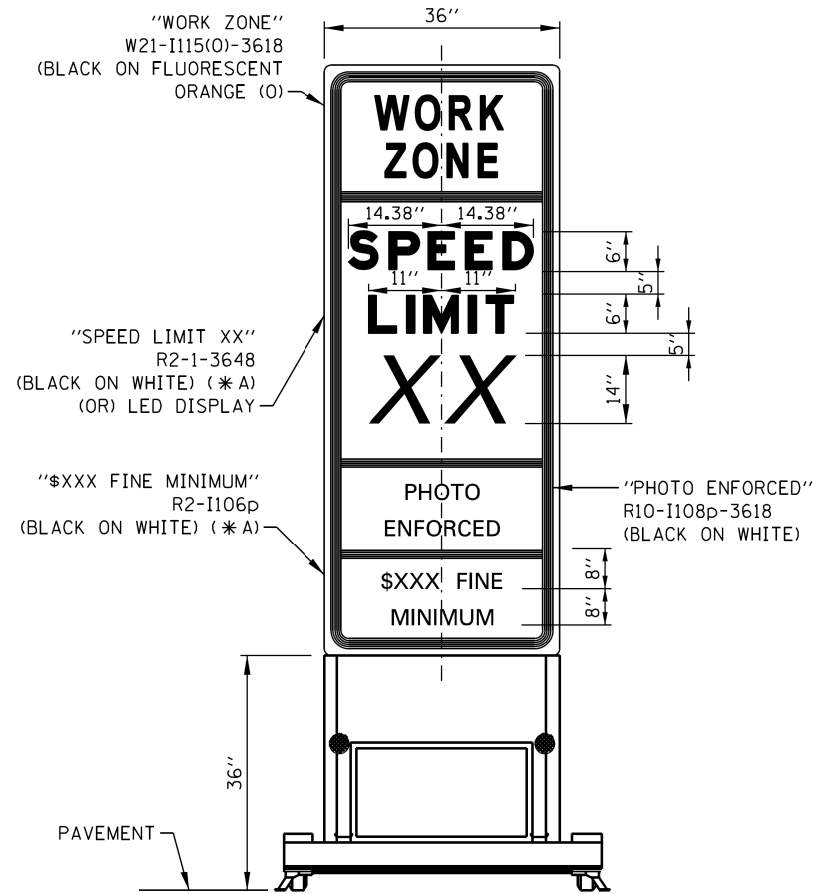
**Illinois Tollway**

CONSTRUCTION SIGNS

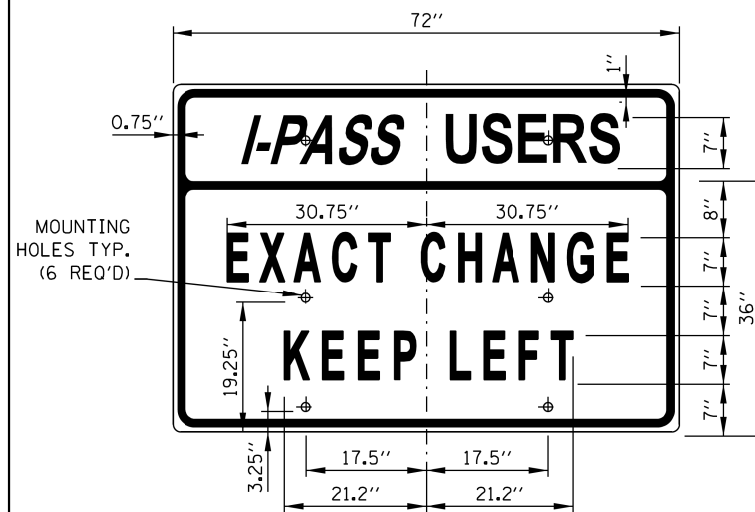
STANDARD E1-07



WORK ZONE SPEED LIMIT TRANSITION SIGNAGE



WORK ZONE SPEED LIMIT SIGN ASSEMBLY



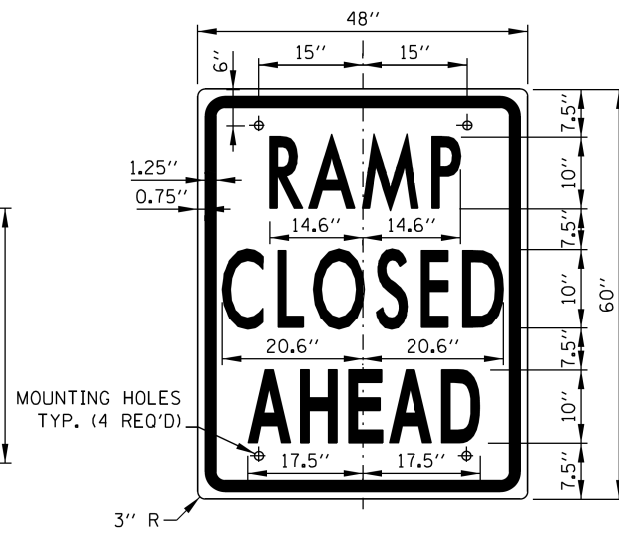
SIGN TS-7

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\* A)  
BORDER AND LETTERS - BLACK

SIZE: 72"x36"

LETTERING: 7" FEDERAL SERIES C

MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN



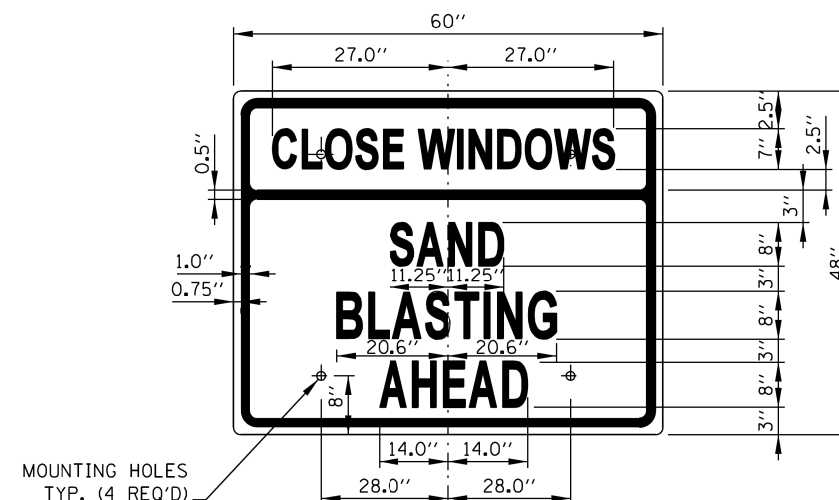
SIGN TS-9

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\* A)  
BORDER AND LETTERS - BLACK

SIZE: 48"x60"

LETTERING: 10" FEDERAL SERIES C

MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN



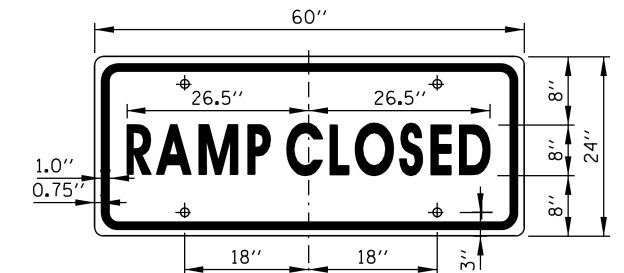
SIGN TS-10 (O)

COLOR: BACKGROUND - FLUORESCENT ORANGE (O)  
BORDER AND LETTERS - BLACK

SIZE: 60"x48"

LETTERING: 8" FEDERAL SERIES C, 7" FEDERAL SERIES B

MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN



SIGN TS-6

COLOR: BACKGROUND - WHITE (REFLECTORIZED) (\* A)  
BORDER AND LETTERS - BLACK

SIZE: 60"x24"

LETTERING: 8" FEDERAL SERIES C

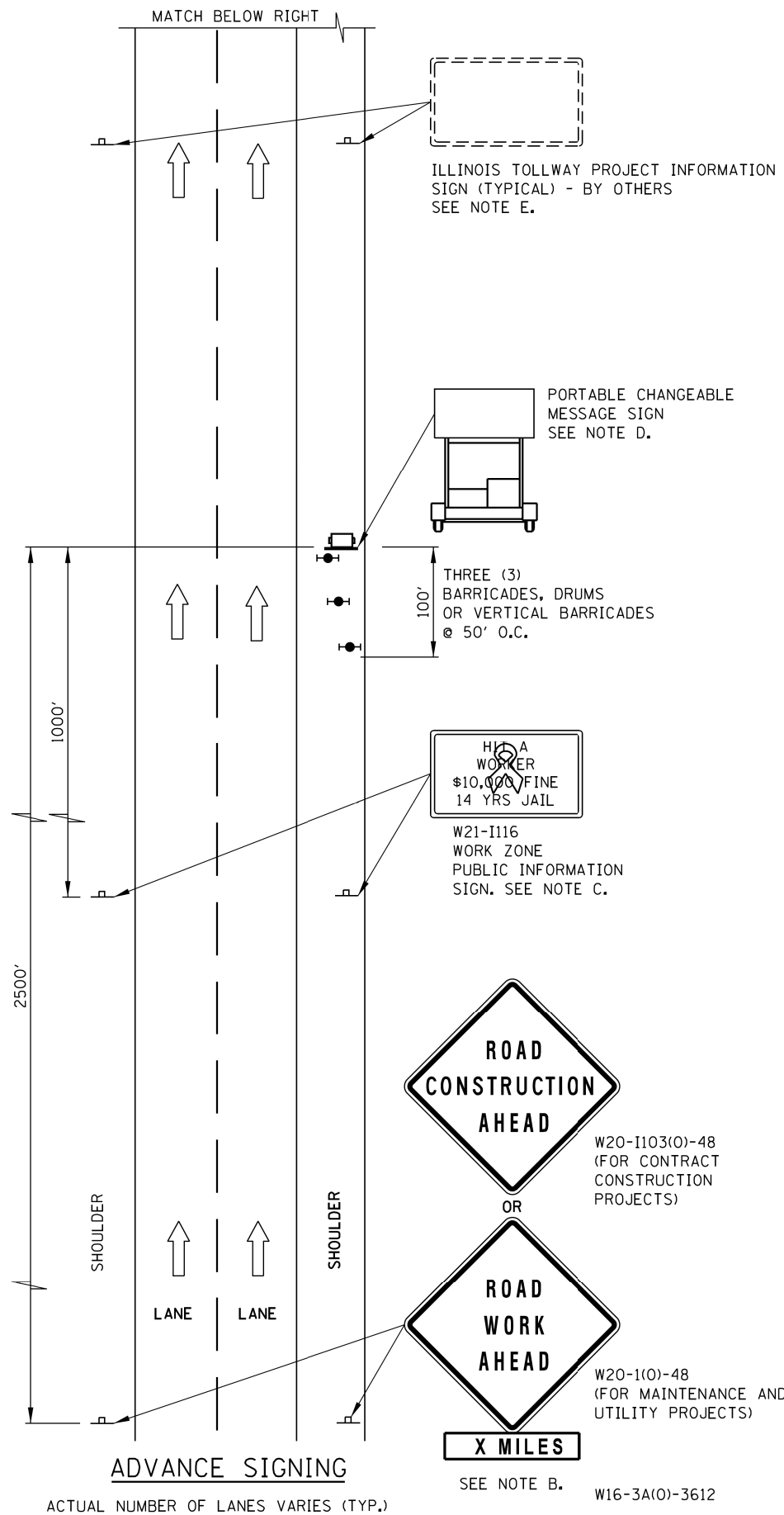
MOUNTING HOLES: 1/16" DIA., 4 HOLES SPACED AS SHOWN



APPROVED: *Paul Kovacs* DATE 5-1-2009  
CHIEF ENGINEERING OFFICER

SHEET ADDED 05/18/2020

NOTE:  
SEE SHEET 1 OF THIS SERIES FOR NOTES.



**ADVANCE SIGNING NOTES:**

- THE ADVANCE SIGNING SHOWN ON THIS STANDARD SHALL APPLY ANY TIME THE CONTRACTOR CLOSES ONE OR MORE LANES, OR IS REQUIRED TO SHIFT THE LANE ALIGNMENT. THE "ROAD WORK AHEAD" OR "ROAD CONSTRUCTION AHEAD" SIGNS, WORK ZONE PUBLIC INFORMATION SIGNS AND PORTABLE CHANGEABLE MESSAGE ARE STATIONARY.
- THE ROAD CONSTRUCTION AHEAD SIGN (W20-1A, WITH W16-3a SUPPLEMENTAL PLATE) OR ROAD WORK AHEAD SIGN (W20-1, WITH W16-3A SUPPLEMENTAL PLATE) SHALL BE LOCATED UP TO 5 MILES IN ADVANCE OF THE PROJECT LIMITS, WITH THE LOCATION BEING DETERMINED BY THE ENGINEER.
- THE WORK ZONE PUBLIC INFORMATION SIGN IS 60" WIDE BY 48" HIGH. THE CONTRACTOR SHALL OBTAIN THE CAMERA-READY ARTWORK REQUIRED FOR THE SIGN MESSAGE BY CONTACTING IDOT'S CENTRAL BUREAU OF OPERATIONS.
- THE PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE USED TO DISPLAY THE STATUS OF LANE WITHIN THE CONTRACT LIMITS. THE PRIMARY MESSAGES SHALL BE: "RIGHT LANE(S) CLOSED" / "X MILES AHEAD", "LEFT LANE(S) CLOSED" / "X MILES AHEAD", "LANE(S) SHIFT" / "X MILES AHEAD", "ALL LANES OPEN". THE PORTABLE CHANGEABLE MESSAGE SIGN MAY BE MOVED TO THE MEDIAN SHOULDER WHEN THE LANE CLOSURES ARE ON THE LEFT, PROVIDED THE EXISTING SHOULDER WIDTH IS ADEQUATE.
- THE ILLINOIS TOLLWAY WILL FURNISH AND INSTALL STATIC PROJECT INFORMATION SIGNS IN ADVANCE, THROUGH AND AT THE END OF THE WORK ZONE. THESE SIGNS WILL BE INSTALLED ALONG THE OUTSIDE SHOULDER WITH THE ADVANCE SIGNS LOCATED BEYOND THE PORTABLE CHANGEABLE MESSAGE SIGN. THE ENGINEER AND CONTRACTOR SHALL COORDINATE WITH THE ILLINOIS TOLLWAY REGARDING THE LOCATION OF THESE SIGNS AND NOTIFY THE ILLINOIS TOLLWAY OF ANY DAMAGE TO THE SIGNS OR SUPPORTS.

**LEGEND**

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN
- WORKER
- LANE CLOSED
- CHECK BARRICADE
- TRUCK MOUNTED ATTENUATOR



DATE	REVISIONS
3-31-2016	ADDED LANE CLOSURE WITH BARRIER AND ADDED SEQUENTIAL FLASHING WARNING LIGHT.
3-31-2017	ADDED TAPER RATE TABLE
3-01-2019	RE-ARRANGED DETAILS, REVISED NOTE 17, ADDED NOTES 18 & 19, ADDED TMA

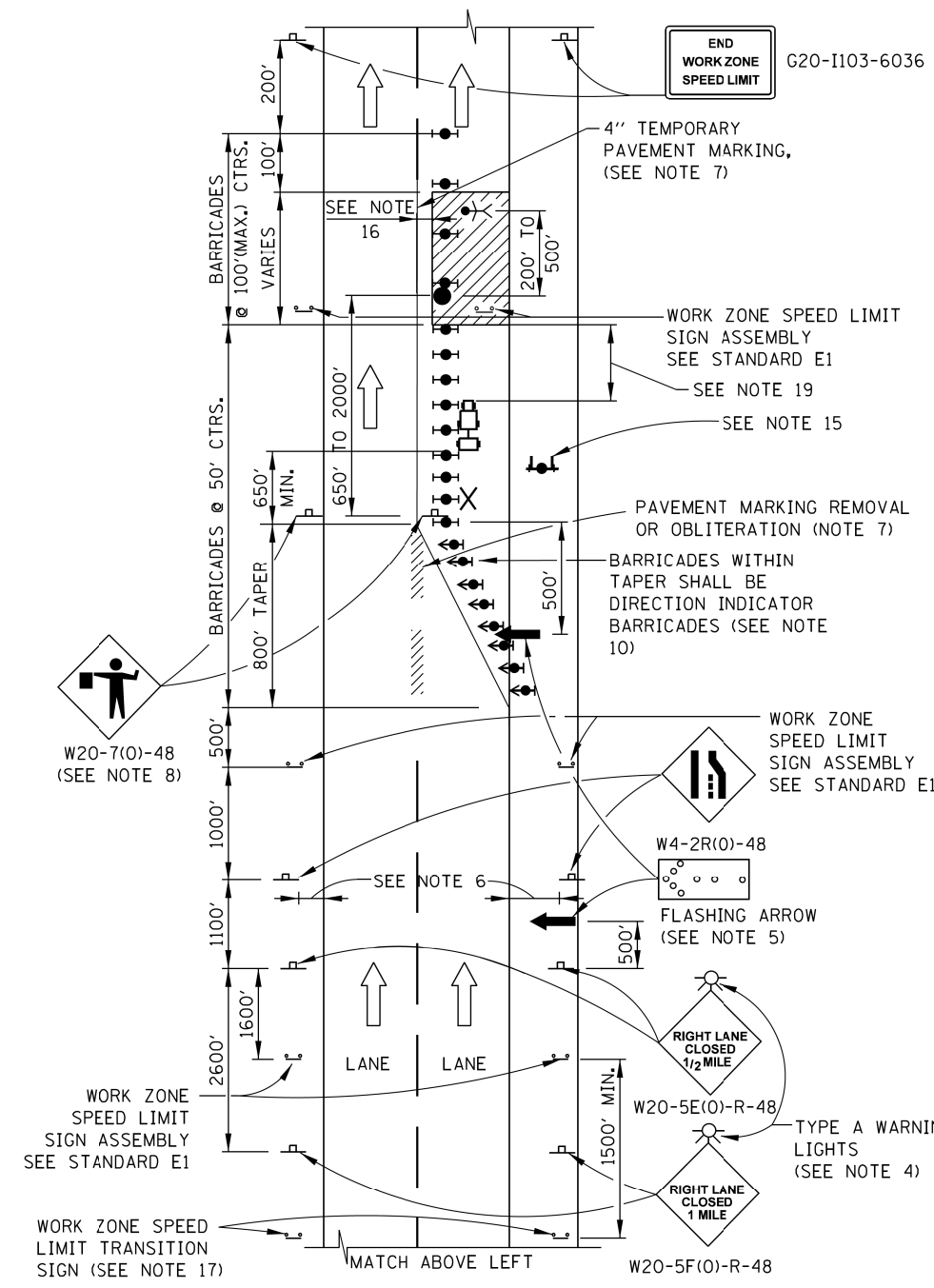
SHEET ADDED 05/18/2020

APPROVED: *Paul Kovacs* DATE 5-1-2009  
CHIEF ENGINEERING OFFICER

**LANE CLOSURE NOTES:**

- IF CLOSURES ARE EXPECTED TO PRODUCE TRAFFIC BACKUPS EXTENDING BEYOND THE FIRST WARNING SIGN SHOWN ON THE DETAILS, ADDITIONAL UPSTREAM SIGNS SHALL BE PLACED SO THAT THE TRAFFIC CONTROL ZONE ENCOMPASSES THE ANTICIPATED BACKUP ZONE.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- THESE DETAILS ALSO APPLY TO OPPOSITE HAND LANE CLOSURES BY CHANGING SIGN LEGENDS AND ARROW DIRECTIONS TO INDICATE THE APPROPRIATE CLOSURE.
- FOR NIGHT TIME CLOSURES, ONE TYPE A WARNING LIGHT SHALL BE INSTALLED ABOVE EACH OF THE 1 MILE AND 1/2 MILE ADVANCE WARNING SIGNS. FOR DAYLIGHT-ONLY CLOSURES, THE LIGHTS MAY BE OMITTED.
- FOR ANY LANE CLOSURE, FLASHING ARROW BOARDS SHALL BE REQUIRED AND IN OPERATION AT ALL TIMES. THE FLASHING ARROW BOARD IN ADVANCE OF THE TAPER SHALL BE PROTECTED WITH THREE TYPE II BARRICADES AT 50' O.C.
- CONSTRUCTION SIGNS SHALL GENERALLY BE POST-MOUNTED OR ATTACHED TO PORTABLE SUPPORTS AND SHALL BE INSTALLED 8' TO 12' FROM ADJACENT TRAVEL LANE WHEREVER POSSIBLE. IN NO CASE SHALL SIGNS BE LOCATED TO PROVIDE LESS THAN 2' CLEARANCE BETWEEN EDGE OF SIGN AND ADJACENT TRAVEL LANE.
- PAVEMENT MARKING TAPE AND REMOVAL OR OBLITERATION OF EXISTING MARKINGS SHALL BE REQUIRED WHEN THE CLOSURE TIME EXCEEDS FOUR DAYS. THIS WORK SHALL BE MEASURED AND PAID FOR SEPARATELY.
- WHEN A FLAGGER IS NOT ON STATION, THE FLAGGER SIGN SHALL BE PROMPTLY REMOVED, COVERED OR TURNED TO FACE AWAY FROM TRAFFIC. FLAGGER SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN THE SIGNS AND THE WORKERS IN EACH SEPARATE WORK ACTIVITY, PER THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS.
- WORK ZONE SPEED LIMIT SIGN ASSEMBLIES, SHALL BE PLACED ADJACENT TO THE OPEN TRAFFIC LANE(S). WORK ZONE SPEED SIGNS SHALL BE MOVED AS NECESSARY TO MAINTAIN THE REQUIRED SPACING BETWEEN SIGNS AND THE WORKERS IN EACH SEPARATE WORK ACTIVITY PER THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS.
- DIRECTION INDICATOR BARRICADES SHALL BE USED IN LANE TAPERS.
- FOR CLOSURES OTHER THAN SHORT TERM (SUNRISE TO ONE HOUR BEFORE SUNSET), THE MINIMUM HEIGHT OF THE SIGN FROM SHOULDER ELEVATION SHALL BE 7'-0".
- CONES MAY BE USED IN LIEU OF BARRICADES IN THE BUFFER AND WORK AREAS, WHEN THE CLOSURE IS FOR MAINTENANCE OPERATIONS.
- BARRICADES ARE TO BE LOCATED AT JOINT LINE WHEN WORK AREA EXTENDS UP TO JOINT UNLESS OTHERWISE SHOWN ON THE PLANS.
- SEE MAINTENANCE OF TRAFFIC DRAWINGS FOR ADDITIONAL SIGNING IN THIS AREA.
- CHECK BARRICADES SHALL BE PLACED IN EACH CLOSED LANE AND SHOULDER AT 1000 FOOT CENTERS.
- A 1'-0" MINIMUM/2'-0" DESIRABLE SHY DISTANCE SHALL BE PROVIDED, MEASURED BETWEEN EDGE OF PAVEMENT LANE MARKING TO THE EDGE OF THE TRAFFIC CONTROL DEVICE.
- SEE STANDARD E1 FOR ADDITIONAL SIGNAGE REQUIRED WHEN WORK ZONE SPEED LIMIT IS REDUCED BY MORE THAN 10 MPH. THE SPEED LIMIT SHALL BE TRANSITIONED TO THE SPECIFIED WORK ZONE SPEED LIMIT 2600 FEET BEFORE THE FIRST W4-2 SIGN.
- WHEN NO POSITIVE PROTECTION IS PROVIDED AND WORKERS OR EQUIPMENT ENCR OACH WITHIN 2'-0" OR LESS FROM THE EDGE OF TRAVELED WAY, THE LANE OPEN TO TRAFFIC SHALL BE TEMPORARILY CLOSED OR SHIFTED DURING WORK ACTIVITIES.
- IN WORK ZONES WITH NO POSITIVE PROTECTION, A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE PROVIDED 100' TO 200' IN ADVANCE OF EACH WORK AREA. WHERE MULTIPLE CREWS ARE PRESENT, A TMA SHALL BE PROVIDED AT EACH WORK AREA.

**ONE-LANE CLOSURE WITH BARRICADE**

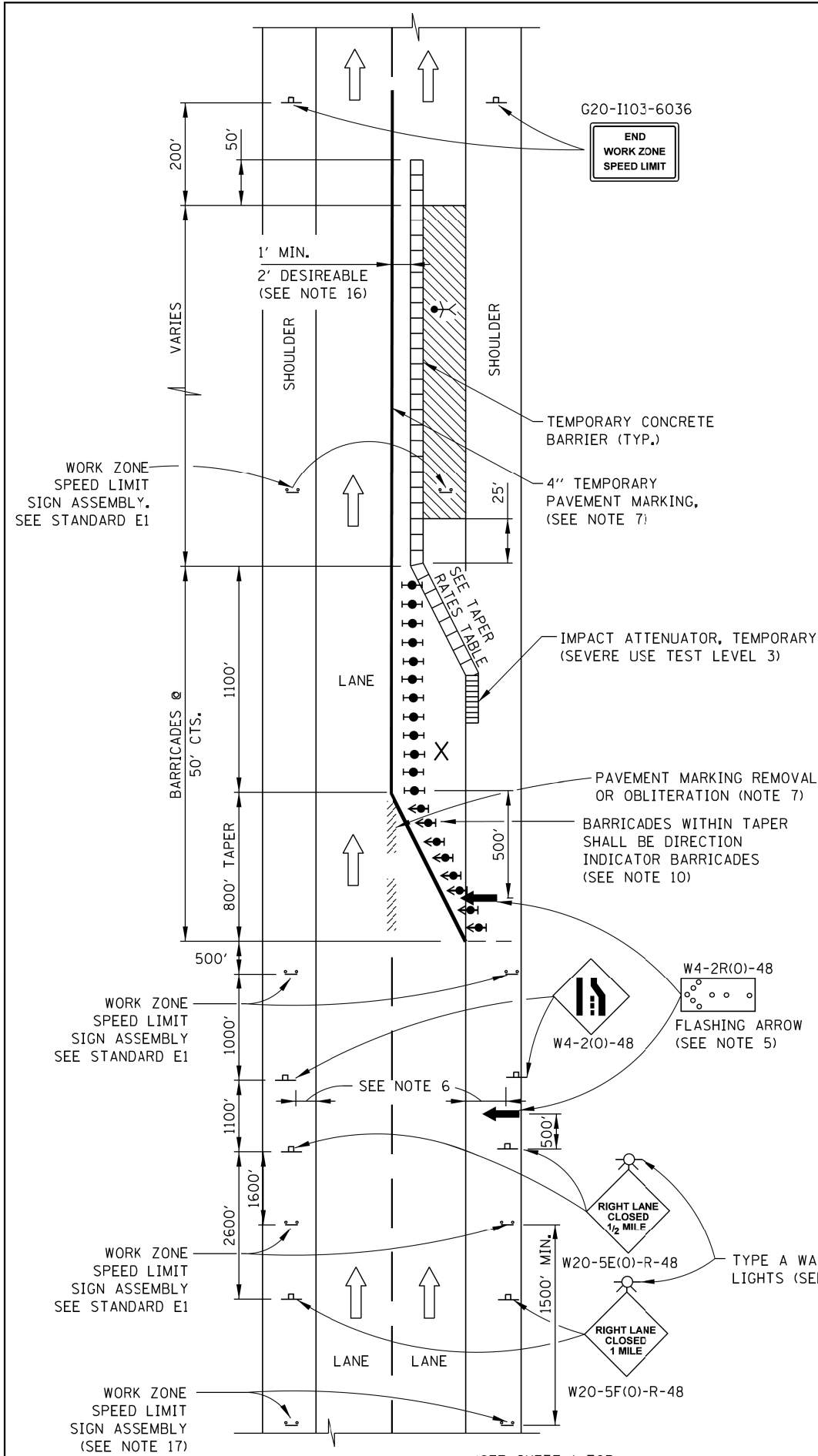


**TAPER RATES**

WORK ZONE SPEED (mph)	SHY LINE (ft.)	BARRIER INSIDE SHY LINE	BARRIER AT OR BEYOND SHY LINE
65	8.5	28:1	19:1
60	8	26:1	18:1
55	7	24:1	16:1
50	6.5	21:1	14:1
45	6	18:1	12:1
40	5	16:1	10:1
35	4.5	15:1	9:1
30	4	13:1	8:1

**LEGEND**

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN
- WORKER
- LANE CLOSED
- CHECK BARRICADE
- TRUCK MOUNTED ATTENUATOR



**ONE-LANE CLOSURE WITH BARRIER**

APPROVED: *Paul Kovacs* DATE 5-1-2009  
 CHIEF ENGINEERING OFFICER

SHEET 2 OF 3

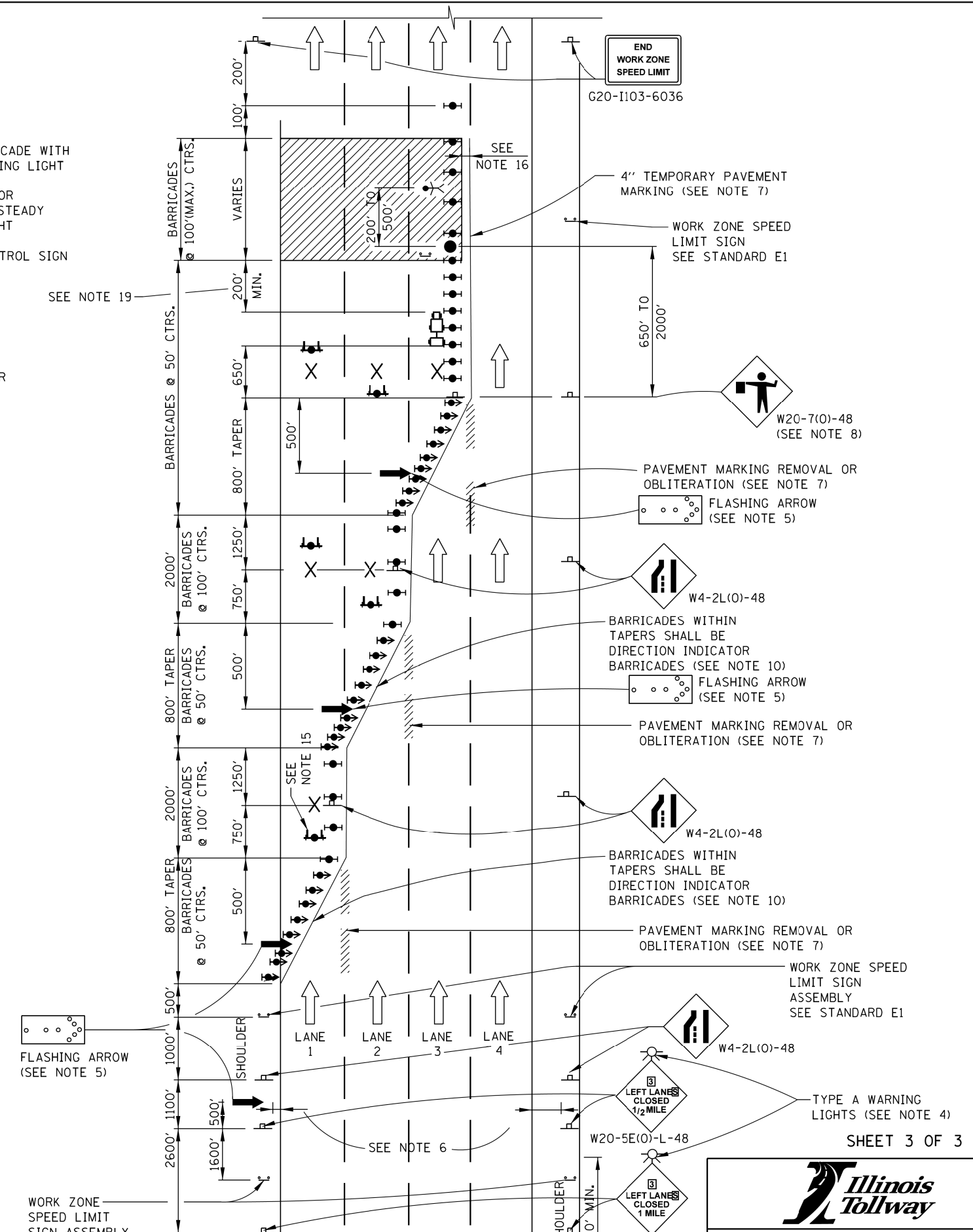
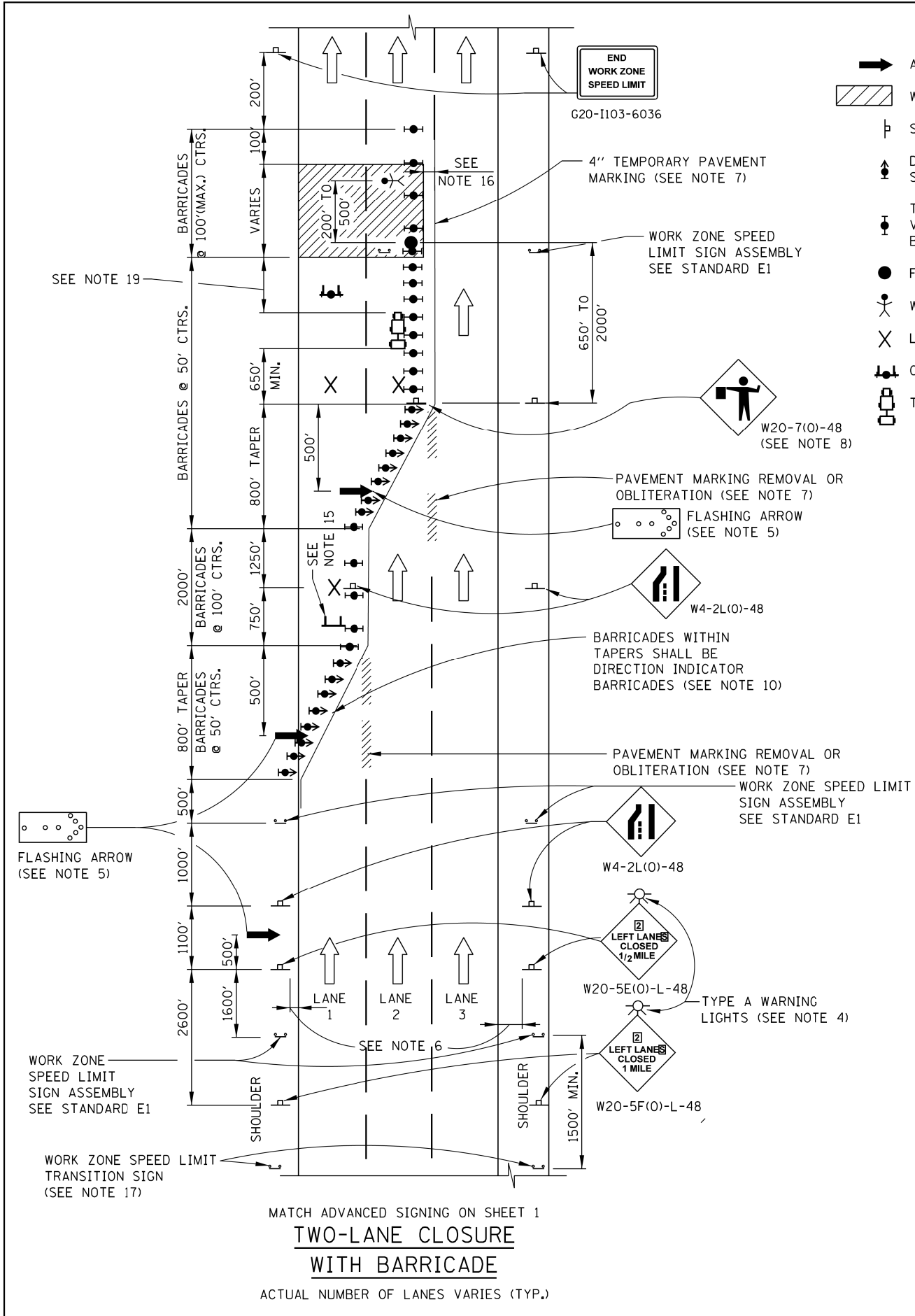
LANE CLOSURE DETAILS

STANDARD E2-08

SHEET ADDED 05/18/2020

**LEGEND**

- ARROW BOARD
- WORK AREA
- SIGN
- DIRECTION INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHT
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- FLAGGER WITH TRAFFIC CONTROL SIGN
- WORKER
- LANE CLOSED
- CHECK BARRICADE
- TRUCK MOUNTED ATTENUATOR



Paul Kovacs  
 APPROVED... DATE 5-1-2009  
 CHIEF ENGINEERING OFFICER

SEE SHEET 1 IN THIS SERIES FOR NOTES

SHEET ADDED 05/18/2020

SHEET 3 OF 3

**LANE CLOSURE DETAILS**

STANDARD E2-08

**GENERAL NOTES:**

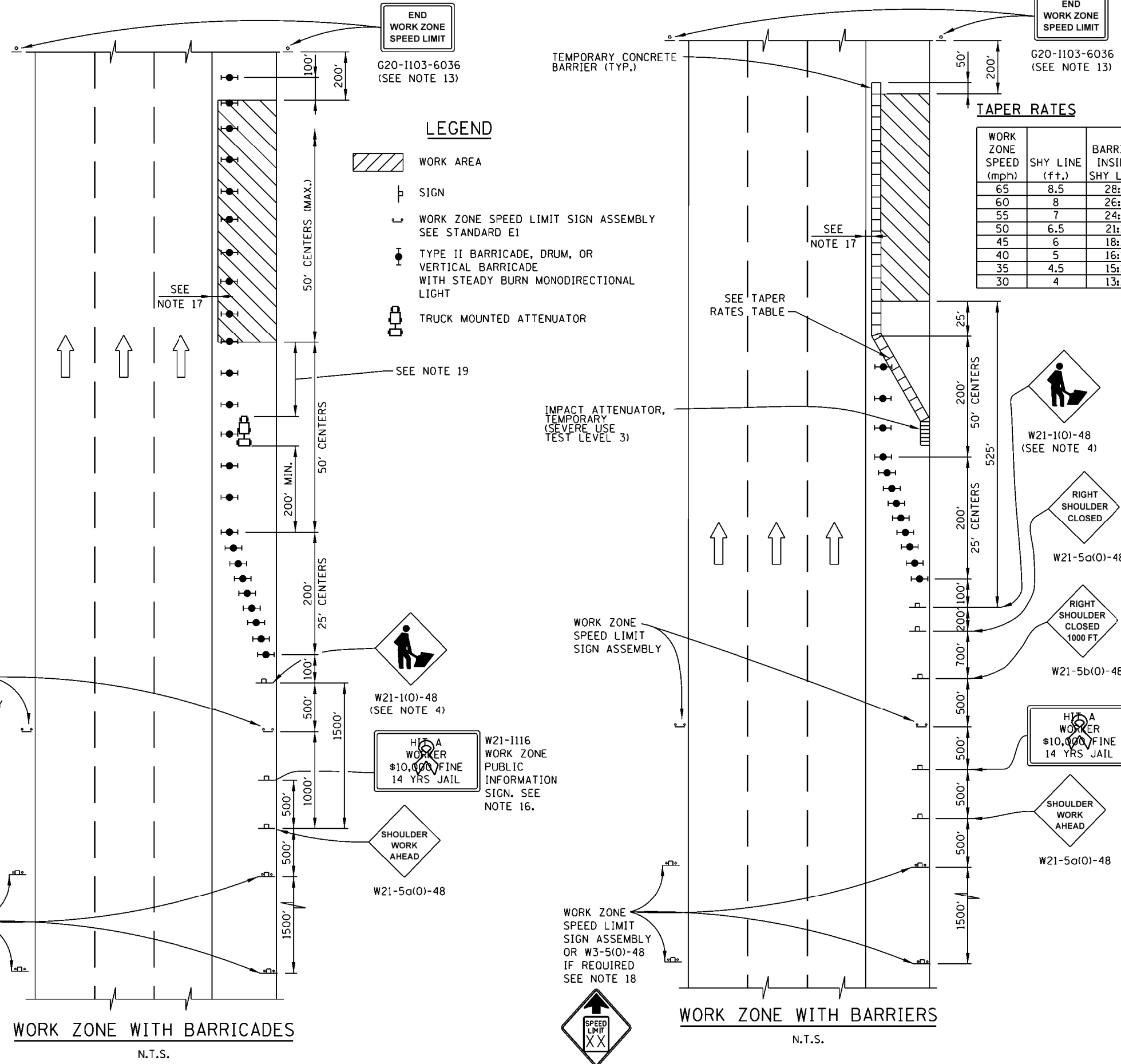
1. THE SHOULDER SHALL BE CLOSED WHEN A WORK ACTIVITY REQUIRING 15 OR MORE MINUTES IS PERFORMED AT A DISTANCE WHICH IS LESS THAN 15 FEET BUT NO CLOSER THAN 2 FEET FROM THE EDGE OF PAVEMENT.
2. THE ADJACENT EXTERIOR LANE SHALL BE CLOSED WHEN WORK IS PERFORMED WITHIN 2 FEET FROM THE EDGE OF PAVEMENT.
3. THE CHANNELIZING DEVICES WHICH SEPARATE THE WORK SPACE FROM THE ADJACENT TRAVEL LANE SHALL BE SPACED AT 25' FOR (200 FEET) AND AT A MAXIMUM OF 50' FOR ALL ADDITIONAL DEVICES.
4. WHEN THE WORKSITE IS UNATTENDED, SUBSTITUTE - "SHOULDER WORK AHEAD" SIGN.
5. WORKER SIGNS OR SHOULDER WORK SIGNS AND CHANNELIZATION DEVICES ARE PLACED ONLY ON THE SIDE OF THE ROADWAY ON WHICH THE ACTIVITY IS PERFORMED.
6. FOR SHOULDER CLOSURE EXTENDING OVERNIGHT, BARRICADE TYPE II WITH STEADY BURNING LIGHT, TYPE C SHALL BE USED.
7. FOR SHORT TERM CLOSURE (SUNRISE TO ONE HOUR BEFORE SUNSET) NOT EXTENDING INTO DARKNESS, CONES MAY BE USED.
8. ONE WORK ZONE SPEED LIMIT SIGN ASSEMBLY SHALL BE PLACED AT A DISTANCE OF 500' TO 2,500' MAXIMUM IN ADVANCE OF WORKERS THROUGHOUT THE SHOULDER CLOSURE. MOVING OPERATIONS MAY REQUIRE CONTINUOUS ADJUSTMENT OF THE SIGN ASSEMBLY LOCATION TO MAINTAIN THE ABOVE INTERVAL.
9. AN ADDITIONAL SIGN ASSEMBLY SHALL BE PLACED 500' BEYOND THE LAST ENTRANCE RAMP FOR EACH INTERCHANGE THAT FALLS WITHIN THE 2,500'.
10. THE SIGN ASSEMBLY SHALL BE PLACED NO CLOSER THAN 500' TO ANY OTHER SIGN.
11. THE WORK ZONE SPEED LIMIT SIGNS AND SIGN ASSEMBLY SHALL BE PROMPTLY REMOVED OR COVERED WHEN SHOULDER CLOSURE IS REMOVED.
12. ALL CONFLICTING SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED.
13. "END WORK ZONE SPEED LIMIT" SIGNS SHALL BE IN PLACE ONLY WHEN THE EXISTING POSTED SPEED > 55MPH.
14. FOR SHOULDER REPAIRS OR REPLACEMENT THE CHANNELIZING DEVICES SHALL BE PLACED AT THE EDGE OF PAVEMENT WHENEVER THE WORK ACTIVITIES RESULT IN A DROPOFF AT THE EDGE OF PAVEMENT.
15. ANY UNATTENDED OBSTACLE OR EXCAVATION LEFT ON THE SHOULDER OVERNIGHT SHALL BE IN COMPLIANCE WITH THE ROADWAY TRAFFIC CONTROL AND COMMUNICATIONS MANUAL.
16. THE WORK ZONE PUBLIC INFORMATION SIGN IS 60" WIDE BY 48" HIGH. THE CONTRACTOR SHALL OBTAIN THE CAMERA-READY ARTWORK REQUIRED FOR THE SIGN MESSAGE BY CONTACTING IDOT'S CENTRAL BUREAU OF OPERATIONS.
17. A 1'-0" MINIMUM/2'-0" DESIRABLE SHY DISTANCE SHALL BE PROVIDED, MEASURED BETWEEN EDGE OF PAVEMENT LANE MARKING TO THE EDGE OF THE TRAFFIC CONTROL DEVICE.
18. SEE STANDARD E1 FOR ADDITIONAL SIGNAGE REQUIRED WHEN WORK ZONE SPEED LIMIT IS REDUCED BY MORE THAN 10 MPH.
19. IN WORK ZONES WITH NO POSITIVE PROTECTION, A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE PROVIDED 100' TO 200' IN ADVANCE OF EACH WORK AREA. WHERE MULTIPLE CREWS ARE PRESENT, A TMA SHALL BE PROVIDED AT EACH WORK AREA.

**TAPER RATES**

WORK ZONE SPEED (mph)	SHY LINE (ft.)	BARRIER INSIDE SHY LINE	BARRIER AT OR BEYOND SHY LINE
65	8.5	28:1	19:1
60	8	26:1	18:1
55	7	24:1	16:1
50	6.5	21:1	14:1
45	6	18:1	12:1
40	5	16:1	10:1
35	4.5	15:1	9:1
30	4	13:1	8:1

**LEGEND**

- WORK AREA
- SIGN
- WORK ZONE SPEED LIMIT SIGN ASSEMBLY SEE STANDARD E1
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- TRUCK MOUNTED ATTENUATOR



WORK ZONE SPEED LIMIT SIGN ASSEMBLY



WORK ZONE SPEED LIMIT SIGN ASSEMBLY OR W3-5(0)-48 IF REQUIRED SEE NOTE 18

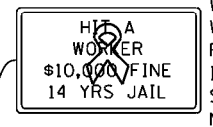
**WORK ZONE WITH BARRICADES**  
N.T.S.

WORK ZONE SPEED LIMIT SIGN ASSEMBLY

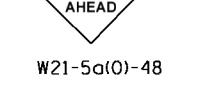


W3-5(0)-48

**WORK ZONE WITH BARRIERS**  
N.T.S.



W21-1116 WORK ZONE PUBLIC INFORMATION SIGN. SEE NOTE 16.



W21-5a(0)-48



W21-5b(0)-48



W21-5a(0)-48



W21-1(0)-48 (SEE NOTE 4)

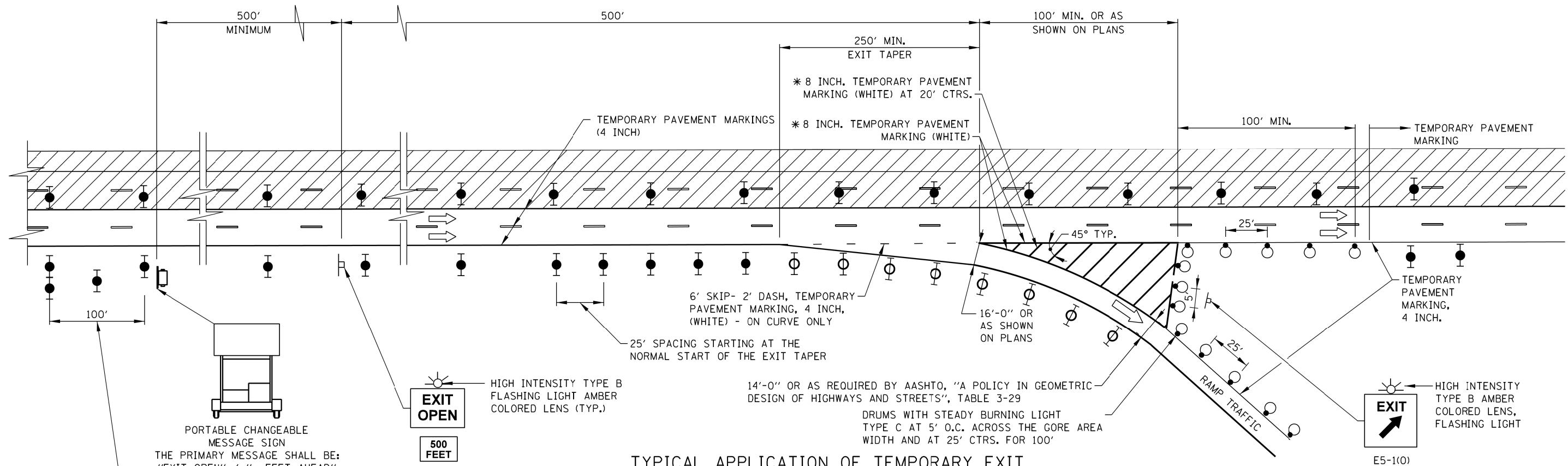
*Paul Kovacs*  
APPROVED... DATE 5-1-2009  
CHIEF ENGINEERING OFFICER

SHEET ADDED 05/18/2020

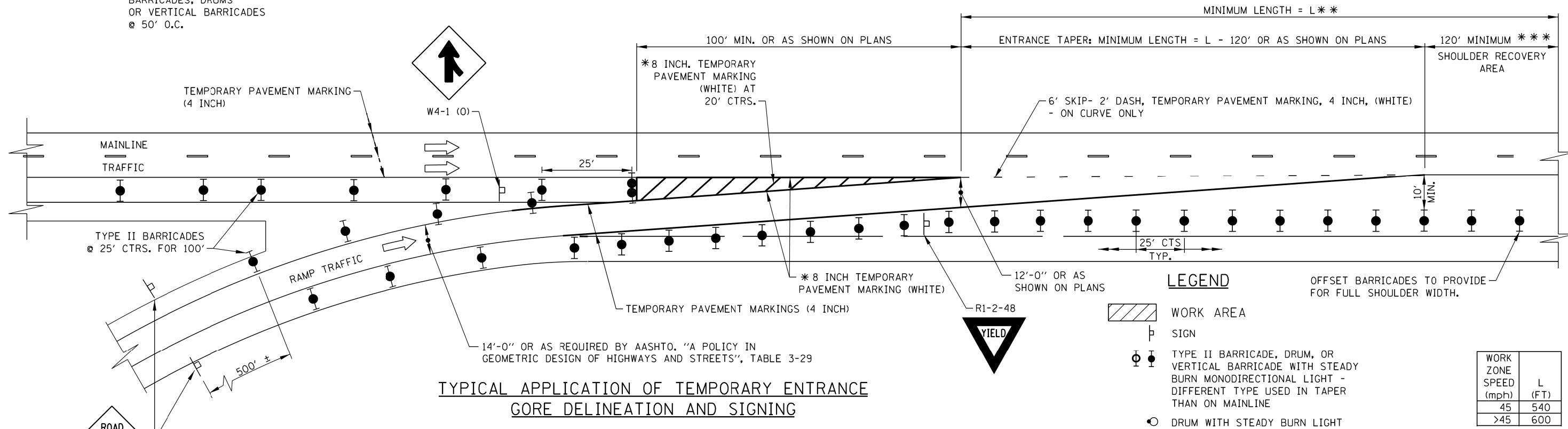
DATE	REVISIONS
1-01-11	CHANGED SYMBOL DESIGNATION
	REVISED NOTES
3-31-14	REVISED WORKER SIGN NUMBERS PER "MUTCD" AND REVISED NOTES.
3-11-2015	REVISED NOTES
3-31-2016	ADD WORK ZONE WITH BARRIERS.
3-31-2017	ADDED TAPER RATE TABLE.
3-01-2019	DELETED W21-1a, ADJUSTED SIGN SPACING, ADDED TMA, REVISED NOTES

**SHOULDER CLOSURE DETAILS**

**STANDARD E3-07**



**TYPICAL APPLICATION OF TEMPORARY EXIT GORE DELINEATION AND SIGNING**



**TYPICAL APPLICATION OF TEMPORARY ENTRANCE GORE DELINEATION AND SIGNING**

- \* 8 INCH TEMPORARY PAVEMENT MARKING IS TO BE MADE OF 2-TEMPORARY PAVEMENT MARKING 4 INCH, WHITE OF THE TYPE SPECIFIED.
- \*\* REFER TO TABLE - TAPER LENGTHS ARE BASED ON 12'-0" RAMP WIDTH AT START OF ENTRANCE TAPER
- \*\*\* WHERE VIABLE WITH STAGED CONSTRUCTION

**NOTES:**

- WHEN TEMPORARY PAVEMENT MARKING IS NOT REQUIRED, TEMPORARY GORES MAY BE DELINEATED BY DRUMS WITH STEADY BURN LIGHTS AT 25' C-C ACCORDING TO THE CONFIGURATIONS SHOWN.
- THE TAPER LENGTHS ARE MINIMUMS. EXISTING ACCELERATION, DECELERATION, AND TAPER LENGTHS SHOULD BE PRESERVED TO THE EXTENT POSSIBLE.

DATE	REVISIONS
2-07-2012	REVISED MERGE SIGN.
3-31-2014	ADDED 45 MPH SPEED TO ENTRANCE TAPER.
3-11-2015	REVISED EXIT/ENTRANCE DETAIL LAYOUTS REMOVED DETAILS NOT NEEDED.
3-31-2016	REVISED ENTRANCE CORE DETAIL.
3-31-2017	REVISED EXIT GORE DRUM LAYOUT
3-01-2018	REVISED DIMENSIONS FOR ENTRANCE TAPER.
3-01-2019	REVISED EXIT BARRICADES, ADDED EXIT OPEN 1000 FT SIGN

**TEMPORARY GORE DETAILS**

STANDARD E5-08

APPROVED: *Paul Kovacs* DATE 5-1-2009  
CHIEF ENGINEERING OFFICER

SHEET ADDED 05/18/2020