

**DESIGN DESIGNATION**

IL-83 = PRINCIPAL ARTERIAL  
 ST. CHARLES EAST = MAJOR COLLECTOR  
 TRAFFIC VOLUME = 2050 (2019)  
 ADT - (60,500) IL-83 ROAD NORTH LEG  
 ADT - (66,500) IL-83 ROAD SOUTH LEG  
 ADT - (22,000) ST. CHARLES ROAD WEST LEG  
 ADT - (12,450) ST. CHARLES ROAD EAST LEG  
 POSTED SPEED LIMIT =  
 45 MPH ON IL-83  
 30 MPH ST. CHARLES ROAD

FOR INDEX OF SHEETS, SEE SHEET NO. 2

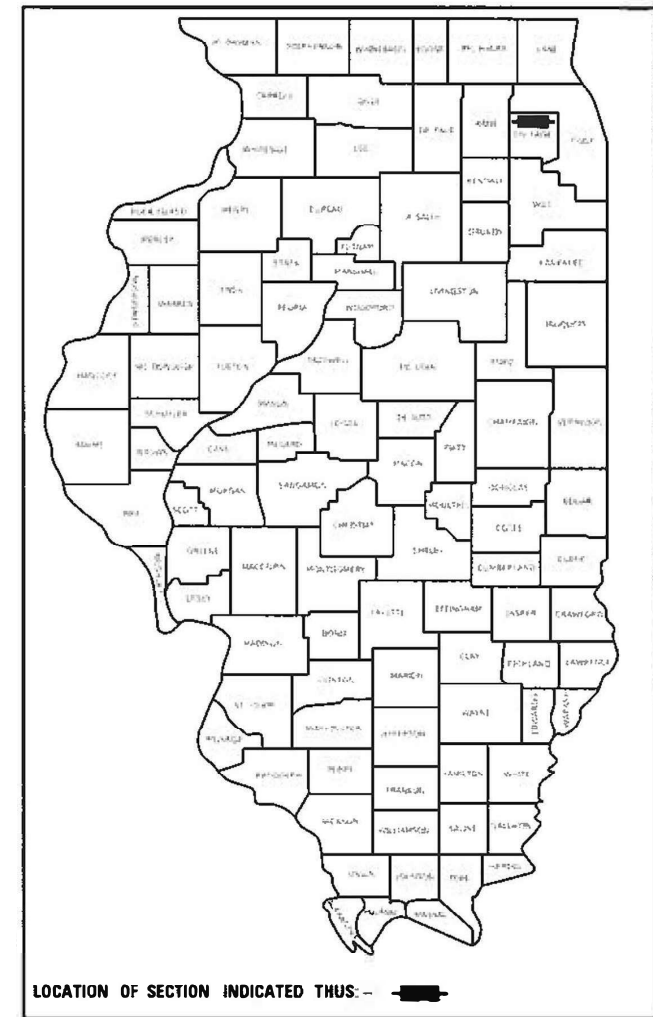
IMPROVEMENT IS LOCATED IN  
 THE VILLAGE OF VILLA PARK

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PROPOSED  
 HIGHWAY PLANS**

FAP ROUTE 344: IL 83 (KINGERY HWY)  
 AT SALT CREEK (0.1 MI S. OF ST CHARLES RD)  
 SECTION: 2020-181-BR  
 PROJECT NO.: NHPP-JTDN(372)  
 BRIDGE DECK OVERLAY  
 DuPAGE COUNTY  
 C-91-351-20

F A P RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	1
		ILLINOIS	CONTRACT NO. 62M36	

D-91-552-20



LOCATION OF SECTION INDICATED THUS: -

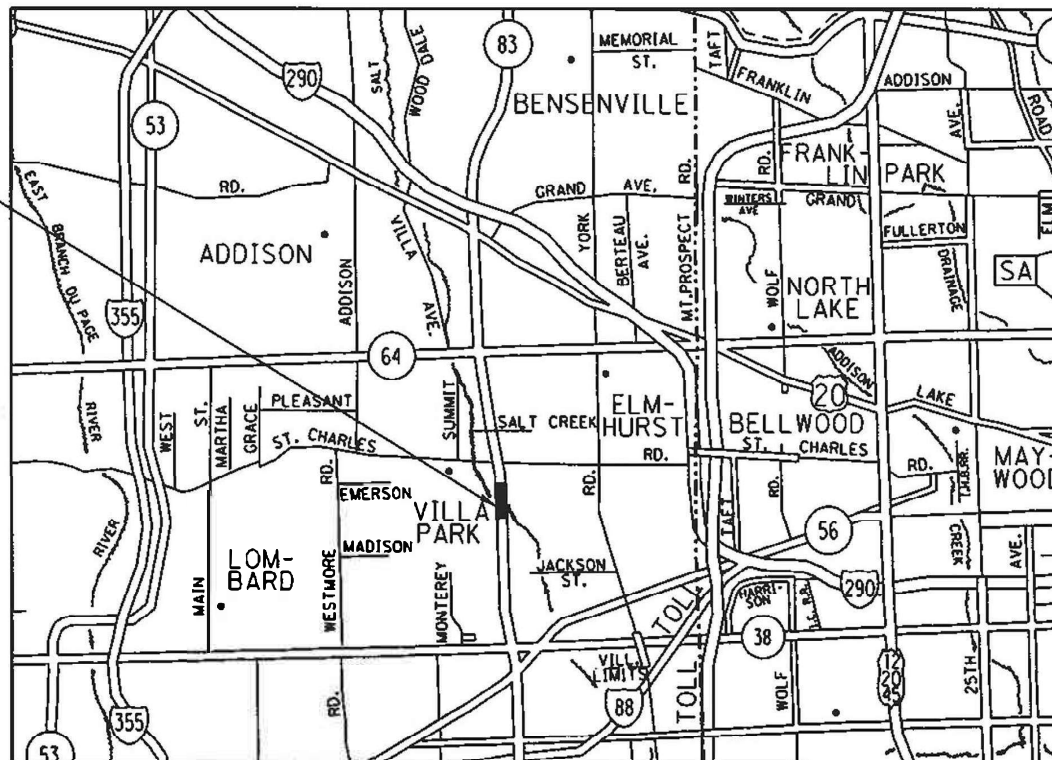
**LOCHNER**

CONSULTING ENGINEERS & PLANNERS  
 225 WEST WASHINGTON STREET 12TH FLOOR  
 CHICAGO, IL 60606  
 312-372-3011 (P) / 312-372-5974 (F)



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



LOCATION OF IMPROVEMENT:  
 SN 022-0045

YORK TOWNSHIP

GROSS LENGTH = 128.0 FT. = 0.024 MILE  
 NET LENGTH = 128.0 FT. = 0.024 MILE



*Douglas Bender*

DATE: 12/07/2020  
 LICENSE EXPIRES: 11/30/2021  
 THE SEAL SHOWN ABOVE  
 IS VALID FOR SHEETS 1-6  
 AND 14-40.



DATE: 12/07/2020  
 LICENSE EXPIRES: 11/30/2022  
 THE SEAL SHOWN ABOVE  
 IS VALID FOR SHEETS  
 7-13.

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED February 3, 2021

*Jose Elias*  
 REGIONAL ENGINEER

March 19, 2021 *Scott A. Elk*  
 ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021 *James J. Gu*  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: DAN WILGREEN, PE, (847)-705-4240  
 PROJECT MANAGER: FAWAD AQUEEL, PE, PTOE, (847)-705-4247

CONTRACT NO. 62M36

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, & GENERAL NOTES
3-6	SUMMARY OF QUANTITIES
7-13	BRIDGE REPAIR PLANS - STRUCTURE NO. 022-0045
14-16	MOT TYPICAL SECTIONS
17-29	STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
30-32	PAVEMENT MARKING AND SIGNING
33-40	ROADWAY/MOT DETAILS

**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 & GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF VILLA PARK.

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

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT PRICE BID FOR THE WORK.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURAGA@ILLINOIS.GOV, A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, VIA EMAIL AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE BRIDGE INSPECTORS.

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.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

THE DEPARTMENT HAS DETERMINED THAT IN STREAM WORK IS NOT REQUIRED FOR THE WORK SPECIFIED IN THIS CONTRACT. THE DEPARTMENT HAS NOT OBTAINED A 404 PERMIT. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING AN USAGE 404 PERMIT IT IS THE CONTRACTOR'S RESPONCIBILITY TO SECURE THE PROPER USAGE PERMITS.

**MOT NOTES**

ALL SIGNING MUST BE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE IDOT'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2016. THE DETAILS IN THESE PLANS, AND THE LATEST EDITION OF THE IDOT'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

THE CONTRACTOR MUST BE RESPONSIBLE FOR ENSURING THAT ALL BARRICADES, SIGNS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES INSTALLED BY THE CONTRACTOR ARE IN PLACE AND OPERATING 24 HOURS EACH DAY DURING CONSTRUCTION.

AS A MINIMUM, ALL AMBER FLASHING LIGHTS THAT ARE REQUIRED MUST MEET THE REQUIREMENTS FOR TYPE A-LOW INTENSITY FLASHING LIGHTS IN ARTICLE 1084.01 OF THE STANDARD SPECIFICATIONS. ALL LIGHTS MUST OPERATE DURING HOURS OF DARKNESS. ONLY LIGHTS THAT HAVE BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION WILL BE USED.

PORTABLE/CHANGEABLE ELECTRONIC MESSAGE BOARDS SHALL BE USED IN ADVANCE OF THE PROJECT ACCORDING TO IDOT STANDARDS AND SHALL BE IN PLACE A MINIMUM OF 72 HOURS PRIOR TO COMMENCING THE WORK AND REMAIN THROUGHOUT THE ROADWAY CONSTRUCTION WORK.

EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED BY HYDROBLASTING WITH VACUUM RECOVERY.

STAGE 2 NIGHTTIME CLOSURE SHALL ONLY BE ALLOWED OVERNIGHT BETWEEN 9 PM AND 5 AM. STAGE 2 NIGHTTIME CLOSURE CAN BE IMPLEMENTED BY RELOCATING DEVICES, ARROWBOARDS AND SIGNS ONLY.

**STATE STANDARDS**

STANDARD NO.	DESCRIPTION
643001-02	SAND MODULE IMPACT ATTENUATORS
701101-05	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEED ≥ 45 MPH TO 55 MPH
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701446-11	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS IL 83 OVER SALT CREEK		
MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
<b>HMA OVERLAY</b>		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1.75" DEPTH	3.5% @ 80 Gyr.	QC/QA
<b>HMA SHOULDER 10"</b>		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 2" DEPTH	4.0% @ 70 Gyr.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8" DEPTH	4.0% @ 70 Gyr.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)		

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON POLYMERIZED HMA THE "AC TYPE" SHALL BE PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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**LOCHNER**  
H. W. LOCHNER, INC.  
225 WEST WASHINGTON STREET  
12 TH FLOOR  
CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
	DRAWN - JRS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - DMB	REVISED -
PLOT DATE = 12/07/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
INDEX, STANDARDS, AND GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	2
				CONTRACT NO. 62M36
ILLINOIS FED. AID PROJECT				

REV-SEP

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONST. CODE
				80% FED 20% STATE BRIDGE 0047
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	221	221
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	491	491
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	48	48
44000173	HOT-MIX ASPHALT SURFACE REMOVAL, 6"	SQ YD	49	49
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	25	25
44004250	PAVED SHOULDER REMOVAL	SQ YD	33	33
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	33	33
50300260	BRIDGE DECK GROOVING	SQ YD	2138	2138
50300300	PROTECTIVE COAT	SQ YD	2753	2753
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	50	50
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	9690	9690
50800515	BAR SPLICERS	EACH	9	9
52000050	PREFORMED JOINT SEAL 4"	FOOT	86	86
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	25	25
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12

\* DENOTES SPECIAL PROVISION REQUIRED  
\*\* DENOTES SPECIALTY ITEM

REV-SEP

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H. W. LOCHNER, INC.  
225 WEST WASHINGTON STREET  
12 TH FLOOR  
CHICAGO, ILLINOIS 60606

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	3
			CONTRACT NO. 62M36	
[ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONST. CODE	
				80% FED	20% STATE
				BRIDGE 0047	
67100100	MOBILIZATION	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	455	455	
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1	
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	67	67	
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	18243	18243	
70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	1418	1418	
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	330	330	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1150	1150	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1138	1138	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3	
70600270	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3	EACH	1	1	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1	1	
** 78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	182	182	
** 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	134	134	
** 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	12091	12091	

\* DENOTES SPECIAL PROVISION REQUIRED  
\*\* DENOTES SPECIALTY ITEM

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**LOCHNER**  
H. W. LOCHNER, INC.  
225 WEST WASHINGTON STREET  
12 TH FLOOR  
CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
	DRAWN - JRS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - DMB	REVISED -
PLOT DATE = 12/07/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	4
CONTRACT NO. 62M36			REV-SEP	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONST. CODE	
				80% FED 20% STATE	BRIDGE 0047
** 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	1574	1574	
** 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	942	942	
** 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	344	344	
** 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	144	144	
** 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	100	100	
	78100200 TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	97	97	
	78200011 BARRIER WALL REFLECTORS, TYPE C	EACH	15	15	
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	197	197	
	78300201 PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	5212	5212	
*	85000200 MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	
*	Z0001495 BRIDGE APPROACH SHOULDER REMOVAL	SQ YD	133	133	
*	Z0001700 APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	10	10	
*	Z0001800 APPROACH SLAB REPAIR (PARTIAL DEPTH)	SQ YD	24	24	
*	Z0006012 BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 INCHES	SQ YD	2205	2205	
*	Z0012130 BRIDGE DECK SCARIFICATION 3/4"	SQ YD	2205	2205	

\* DENOTES SPECIAL PROVISION REQUIRED  
 \*\* DENOTES SPECIALTY ITEM

REV-SEP

**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	5
			CONTRACT NO. 62M36	
( ILLINOIS ) FED. AID PROJECT				

MODEL: Default; FILE NAME: \\na01\projects\18190003\_CADD\01\_Sheets\CH1818D\SALT\_CREEK\_SHT-HWLS\_S00\_04.dgn

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONST. CODE	
				80% FED	20% STATE
				BRIDGE 0047	
* Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	30	30	
* Z0015550	DEBRIS REMOVAL	CU YD	30	30	
* Z0018905	DRILL AND GROUT BARS	EACH	86	86	
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	212	212	
* Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1	
* X0327638	STREAM GAUGE	EACH	1	1	
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
* X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	7517	7517	

\* DENOTES SPECIAL PROVISION REQUIRED  
 \*\* DENOTES SPECIALTY ITEM

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 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - JRS	REVISIED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISIED -
	DATE -	REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 SUMMARY OF QUANTITIES**

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

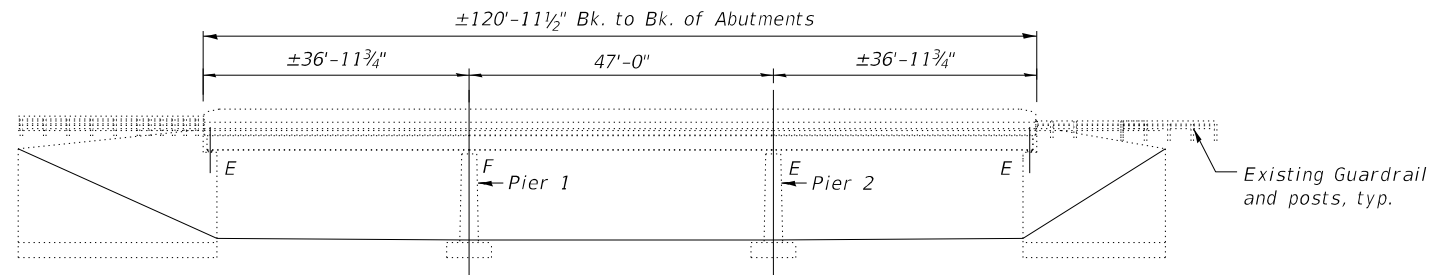
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	6

CONTRACT NO. 62M36  
 ILLINOIS FED. AID PROJECT

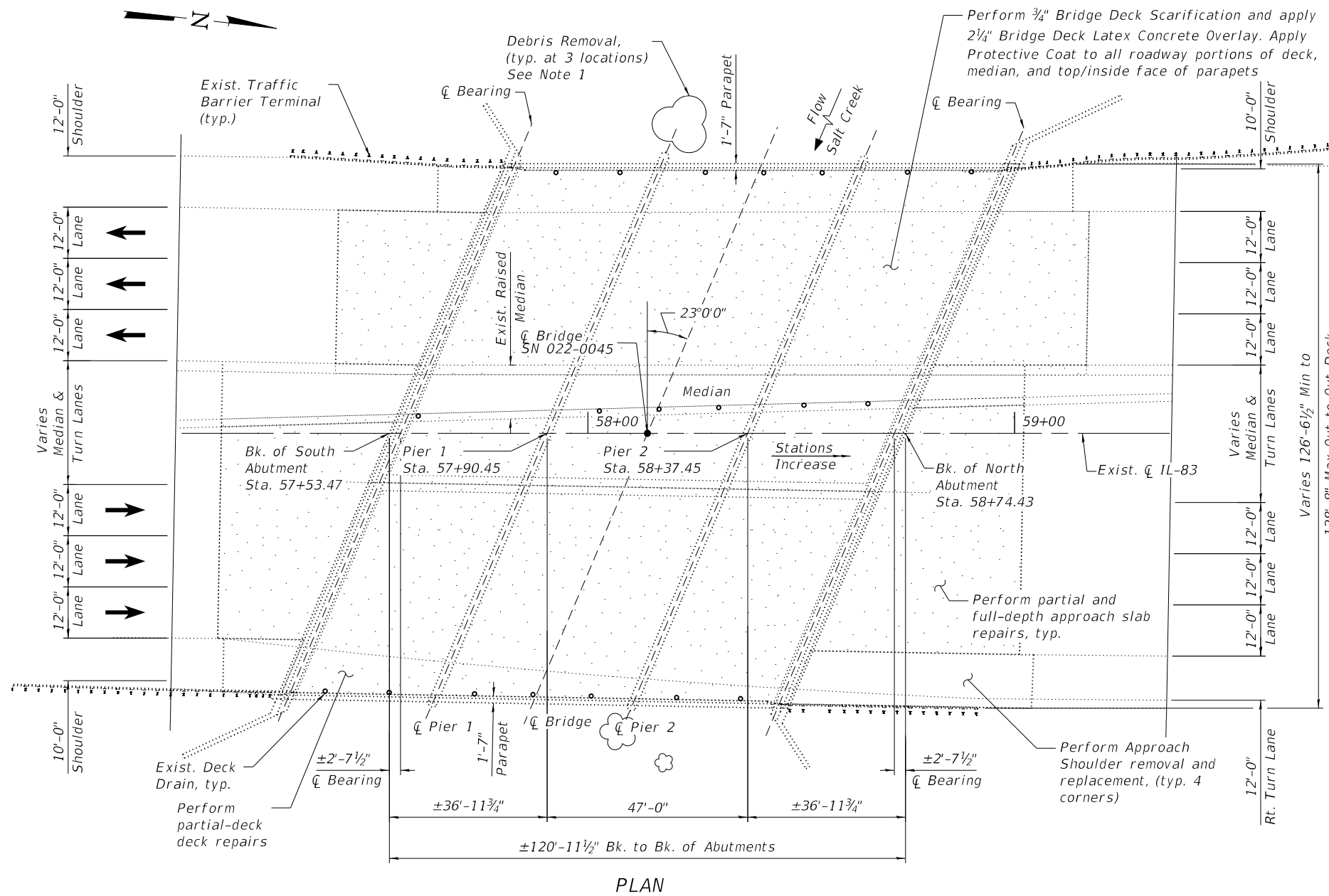
REV-SEP

Existing Structure: No. 022-0045 3-span continuous steel stringers composite in positive moment region with concrete deck slab on closed abutments and solid piers, built as S.B.I. Route 54 Section 543X-B in 1935, Superstructure replaced in 1982-83. Structure length = 120'-11½". Superstructure and substructure widened in 1985. Superstructure joint repairs performed in 2014.

Traffic will be maintained using staged construction



ELEVATION

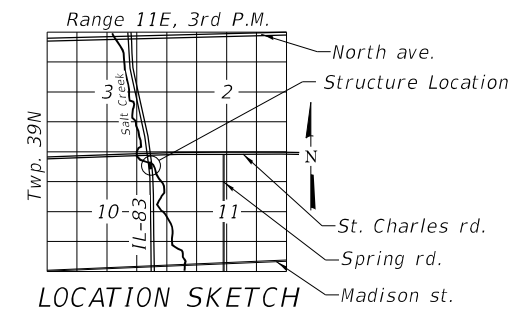


SCOPE OF WORK

1. Scarify ¾" from the bridge deck slab and approach slabs.
2. Perform deck slab repairs and approach slab repairs as required.
3. Remove and install preformed Joint Seal at the South approach slabs.
4. Perform Approach Shoulder Removal and Replacement.
5. Apply a 2¼" Bridge Deck Latex Concrete Overlay on Bridge Deck and Approach slabs.
6. Perform Bridge Deck Grooving for Deck and Approach Slab.
7. Apply Protective Coat to the top of reconstructed transverse joint areas, top and inside faces of parapet, median, and top of Latex Overlay.
8. Clean all Deck drains.
9. Perform structural concrete repairs at North Abutment.
10. Install stream gauge.
11. Remove tree limb debris from watermain.

Notes:

1. See Bridge Deck Repairs sheet for Debris Removal.



LEGEND

- Existing Floor Drains
- ▨ Bridge Deck Latex Overlay, 2¼"

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**LOCHNER**  
CONSULTING ENGINEERS & PLANNERS  
225 WEST WASHINGTON STREET 12TH FLOOR  
CHICAGO, IL 60606  
312-372-3011 (P) / 312-372-5974 (F)

USER NAME =	JSCHRAMM	DESIGNED -	MAF	REVISED -	
DRAWN -	LSJ	REVISOR -		REVISION -	
PLOT SCALE =	32:0" = 1"	CHECKED -	KGN	REVISION -	
PLOT DATE =	12/07/2020	DATE -	12/07/2020	REVISION -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 OVER SALT CREEK (S.N. 022-0045)  
GENERAL PLAN AND ELEVATION

SHEET 1 OF 7 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	7
CONTRACT NO.			62M36	
ILLINOIS		FED. AID PROJECT		

**GENERAL NOTES**

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based at the unit price bid for the work.
3. Do not scale plans for construction dimensions.
4. No in-stream work is allowed. Debris removal shall be performed from top of deck unless directed otherwise by the engineer.
5. The work to remove and dispose of the existing Neoprene Expansion Joint is included in the cost of the new Preformed Joint Seal at the specific location.

**INDEX OF DRAWINGS**

<u>SHEET NO.</u>	<u>TITLE</u>
1	General Plan & Elevation
2	General Notes & Total Bill of Material
3	Stage Construction (Sheet 1 of 2)
4	Stage Construction (Sheet 2 of 2)
5	Bridge Deck Repairs
6	Approach Slab Repairs
7	Abutment Repairs, Stream Gauge, & Splice details

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL QUANTITY
Bridge Deck Grooving	SQ YD	2,138
Protective Coat	SQ YD	2,753
Approach Slab Repair (Full Depth)	SQ YD	10
Approach Slab Repair (Partial Depth)	SQ YD	24
Bridge Deck Latex Concrete Overlay, 2 1/4"	SQ YD	2,205
Bridge Deck Scarification, 3/4"	SQ YD	2,205
Preformed Joint Seal, 4"	FOOT	86
Bridge Approach Shouder Removal	SQ YD	133
Concrete Superstructure (Approach Slab)	CU YD	50.0
Debris Removal	CU YD	30
Reinforcement Bars, Epoxy Coated	POUND	9,690
Drill and Grout Bars	EACH	86
Structural Repair of Concrete (Depth Equal to or Less Than 5 inches)	SQ FT	30
Stream Gauge	EACH	1
Bar Splicers	EACH	9

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 225 WEST WASHINGTON STREET 12TH FLOOR  
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USER NAME = JSCHRAMM	DESIGNED - MAF	REVISED -
PLOT SCALE = 8.0000' / in.	DRAWN - LSJ	REVISED -
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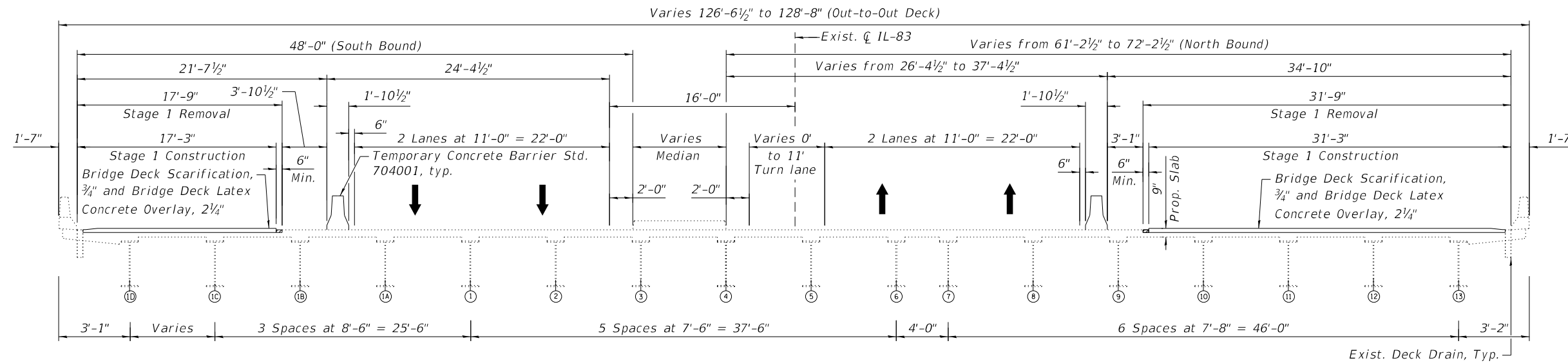
**IL ROUTE 83 OVER SALT CREEK (S.N. 022-0045)  
 GENERAL NOTES & TOTAL BILL OF MATERIAL**

SHEET 2 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	8
CONTRACT NO.			62M36	
ILLINOIS		FED. AID PROJECT		

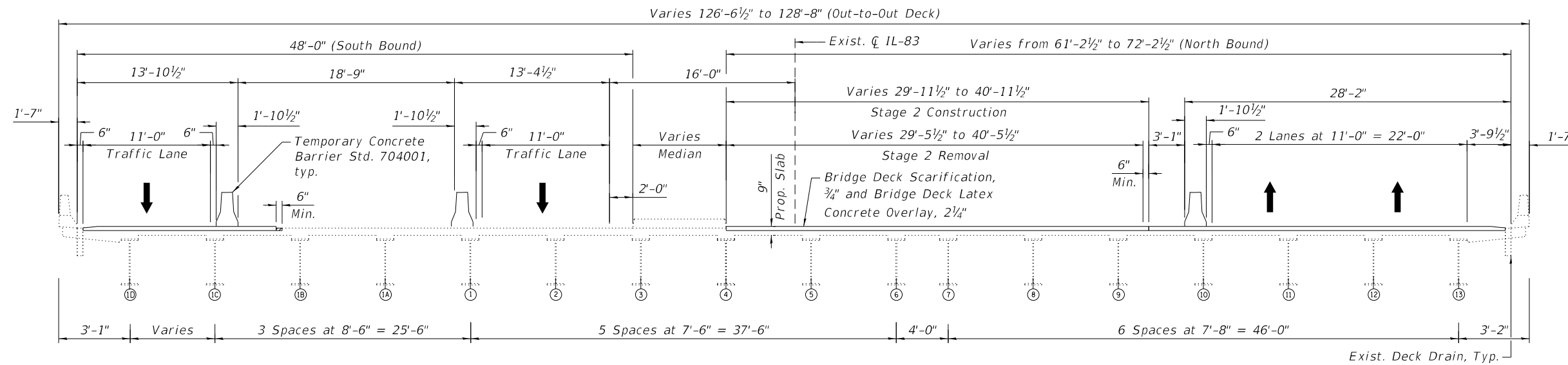


**STAGE I**



**STAGE I REMOVAL AND CONSTRUCTION**  
(Looking North)

1. Install temporary concrete barrier as shown to locate traffic on the inside of the existing structure.
2. Scarify 3/4" from the top of deck slab at outside lanes.
3. Perform Deck Slab Repairs and Approach Slab Repairs at locations shown in the plans.
4. Remove and install Preformed Joint Seal at the South Approach slab.
5. Perform Approach Shoulder Removal and Replacement.
6. Apply 2 1/4" Bridge Deck Latex Concrete Overlay on bridge deck, approach slabs, and approach shoulder pavement.
7. Perform Bridge Deck Grooving for Deck and Approach Slabs.
8. Apply Protective Coat to the top of reconstructed transverse joint areas, median, and top of Latex Overlay.
9. Clean all Deck drains as allowed per stage.
10. Remove waterway debris during outside lanes closure.



**STAGE II REMOVAL AND CONSTRUCTION**  
(Looking North)

**STAGE II**

1. Install temporary concrete barrier as shown on the inside of the new temporary lanes.
2. Scarify 3/4" from the top of deck slab at inside lanes.
3. Perform Deck Slab Repairs and Approach Slab Repairs at locations shown in the plans.
4. Remove and install Preformed Joint Seal at the South Approach slab.
5. Apply 2 1/4" Bridge Deck Latex Concrete Overlay on bridge deck and approach slabs.
6. Perform Bridge Deck Grooving for Deck and Approach Slabs.
7. Apply Protective Coat to the top of reconstructed transverse joint areas, top and inside of parapets, and top of Latex Overlay.
8. Clean all Deck drains as allowed per stage.

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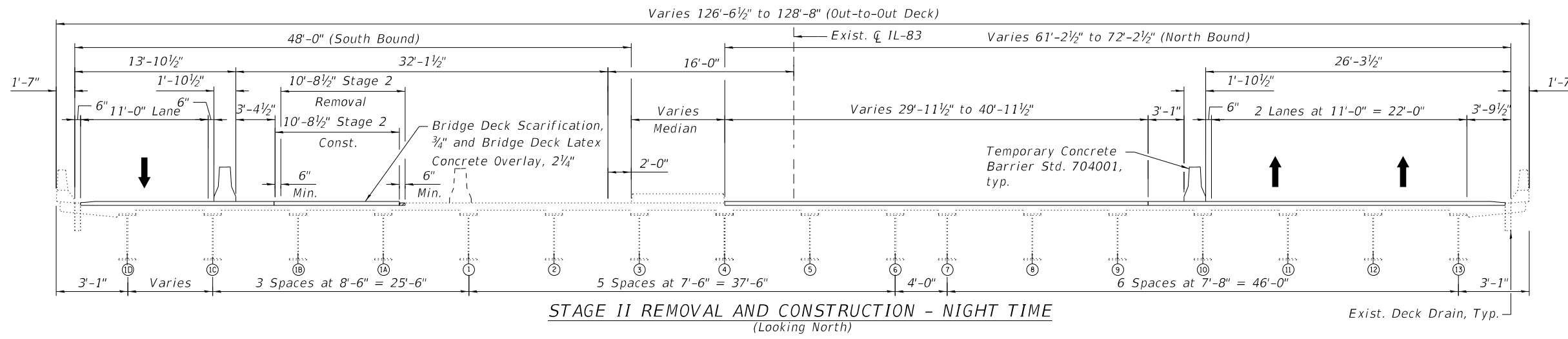
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 OVER SALT CREEK (S.N. 022-0045)  
STAGE CONSTRUCTION (SHEET 1 OF 2)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			62M36	
ILLINOIS		FED. AID PROJECT		

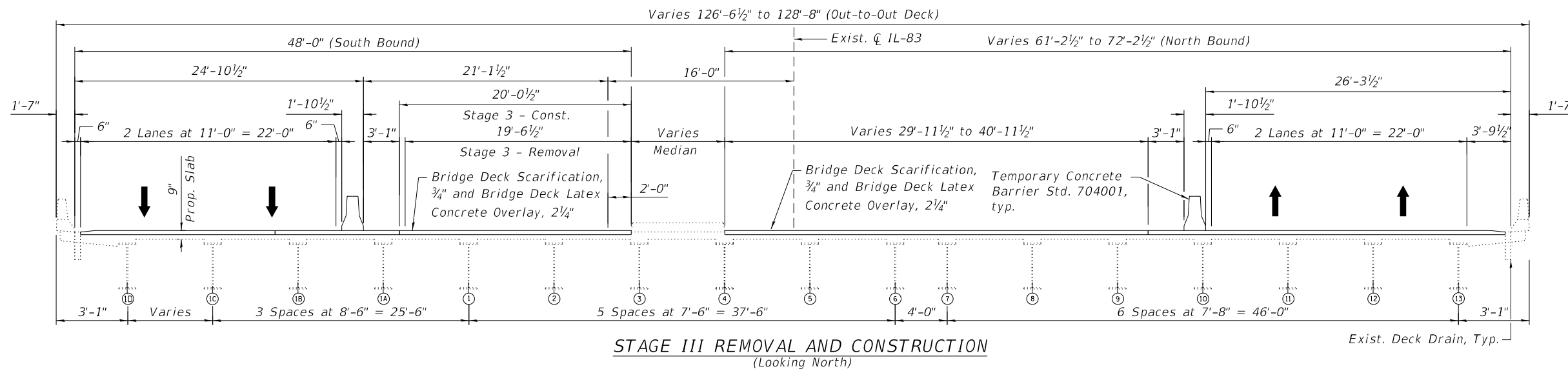
SHEET 3 OF 7 SHEETS

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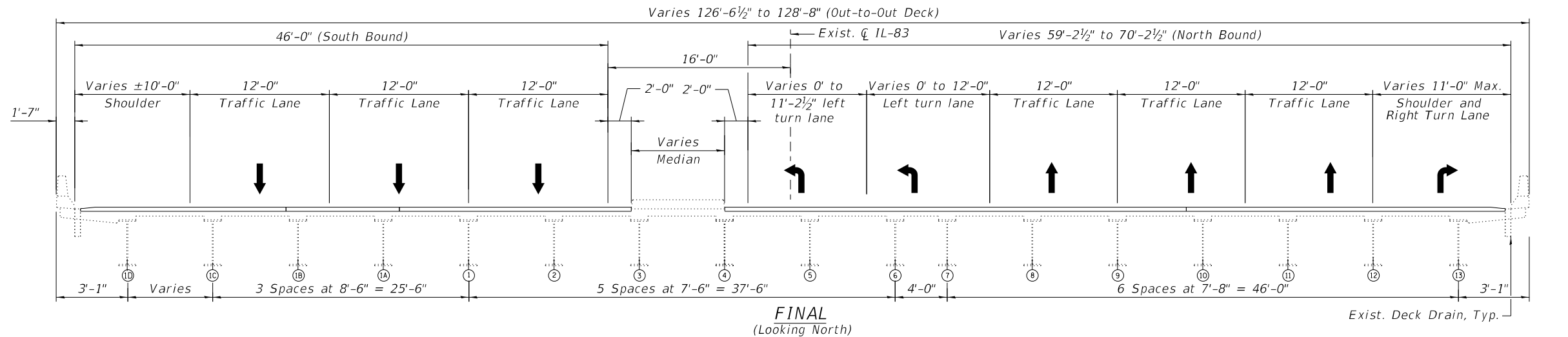
**STAGE II NIGHT TIME:**

1. Scarify 3/4" from the top of deck slab at inside lanes of the South Bound.
2. Perform Deck Slab Repairs and Approach Slab Repairs at locations shown in the plans.
3. Remove and install Preformed Joint Seal at the South Approach slab.
4. Apply 2 1/4" Bridge Deck Latex Concrete Overlay on bridge deck and approach slabs of the south bound.
5. Perform Bridge Deck Grooving for Deck and Approach Slabs.
6. Apply Protective Coat to the top of reconstructed transverse joint areas, top and inside of parapets, and top of Latex Overlay.
7. Clean all Deck drains.
8. Continue remaining work on the North Bound inside lanes if needed.



**STAGE III**

1. Install temporary concrete barrier as shown on the inside of the new SB temporary lanes.
2. Scarify 3/4" from the top of deck slab at inside lanes.
3. Perform Deck Slab Repairs and Approach Slab Repairs at locations shown in the plans.
4. Remove and install Preformed Joint Seal at the South Approach slab.
5. Apply 2 1/4" Bridge Deck Latex Concrete Overlay on bridge deck and approach slabs.
6. Perform Bridge Deck Grooving for Deck and Approach Slabs.
7. Apply Protective Coat to the top of reconstructed transverse joint areas, top and inside of parapets, and top of Latex Overlay.
8. Clean all Deck drains.



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PLOT SCALE =	10.6667' / in.	DATE -	12/07/2020	REVISED -	
PLOT DATE =	12/07/2020				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 OVER SALT CREEK (S.N. 022-0045)  
STAGE CONSTRUCTION (SHEET 2 OF 2)**

SHEET 4 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	10
CONTRACT NO.			62M36	
ILLINOIS FED. AID PROJECT				

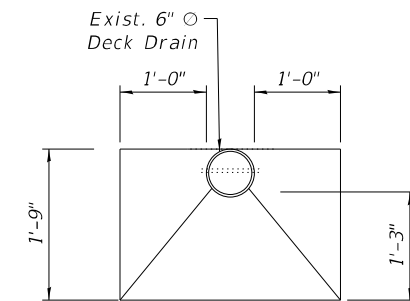
**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Bridge Deck Grooving	SQ YD	2138
Protective Coat	SQ YD	2753
Bridge Deck Latex Concrete Overlay, 2 1/4"	SQ YD	2205
Bridge Deck Scarification, 3/4"	SQ YD	2205
Debris Removal	CU YD	30

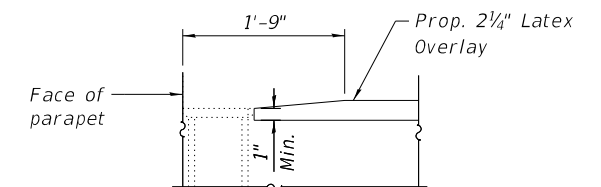
The above quantities, except for Debris Removal, include the total of the bridge deck and approach slabs quantities.

**BAR SCHEDULE**  
(Approach joint)

Bar	No.	Size	Length	Shape
h(E)	3	#4	37'-0"	---
h1(E)	3	#4	32'-0"	---
h2(E)	3	#4	25'-0"	---



**TOP PLAN AT DECK DRAIN**



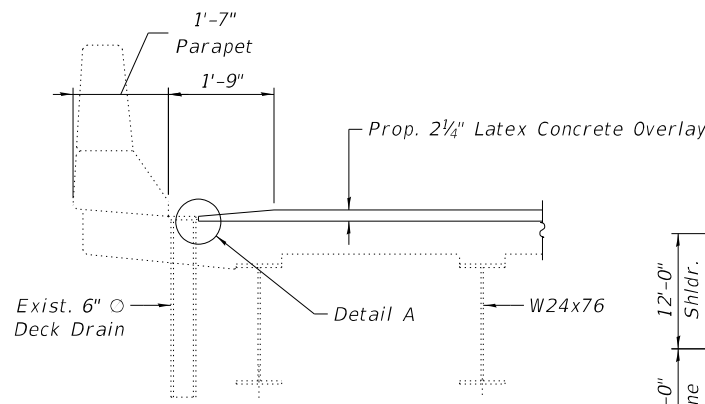
**DETAIL A**

**LEGEND**

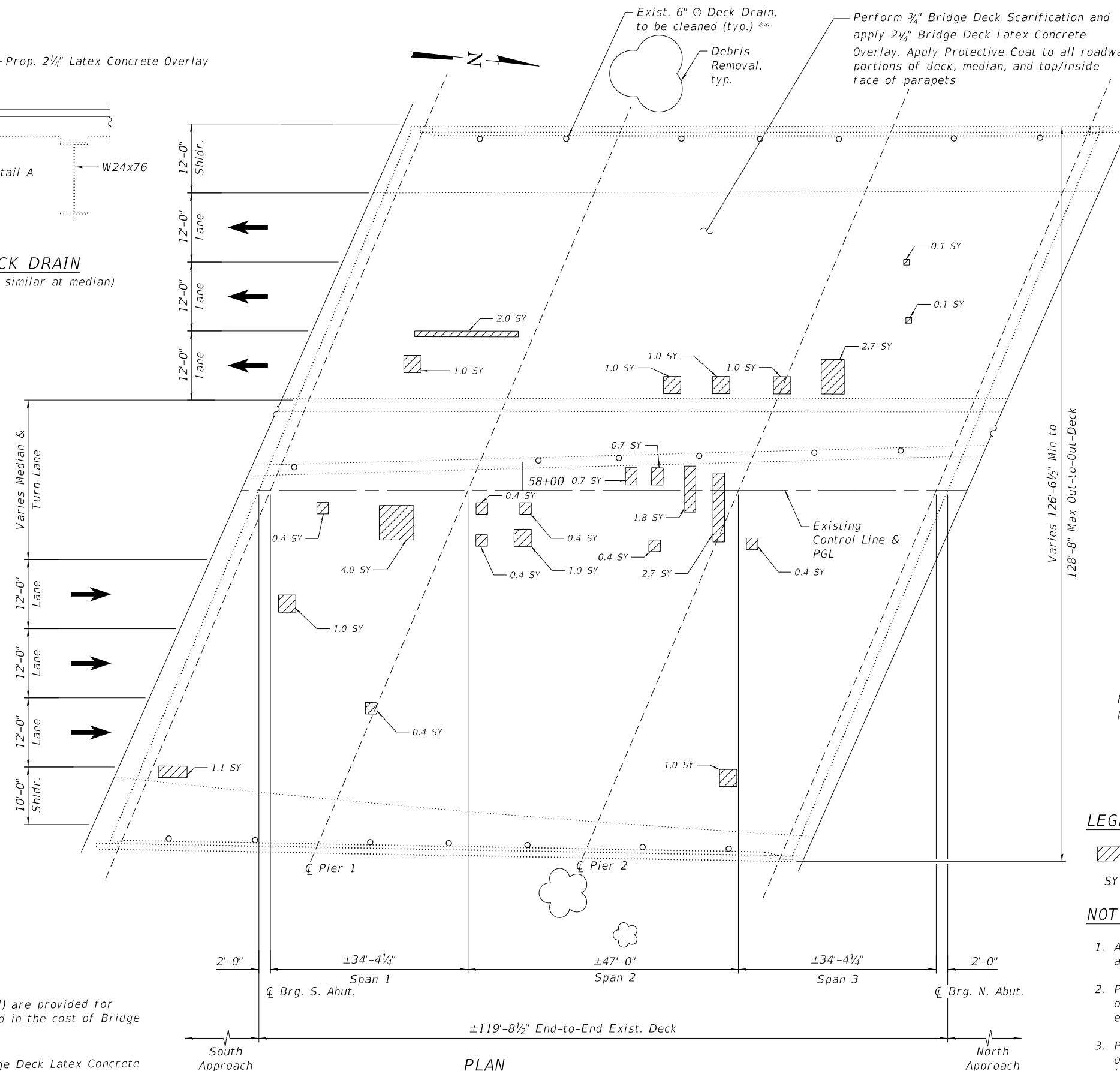
- Deck Slab Repair (Partial Depth) \*
- SY Square Yard

**NOTES:**

- Areas of Deck Repair (Partial) are provided for information only and shall be included in the cost of Bridge Deck Latex Concrete Overlay, 2 1/4"
- Perform bridge deck grooving for the bridge deck latex concrete overlay and the roadway portions of the reconstructed transverse expansion joint areas.
- Protective coat shall be applied to the new concrete and overlay areas of bridge deck, approach pavements, approach shoulders, top and inside face of parapets, median, and the reconstructed transverse expansion joints.



**SECTION AT DECK DRAIN**  
(Section at parapet shown, similar at median)



**PLAN**

\* Areas of Deck Slab Repair (Partial) are provided for information only and shall be included in the cost of Bridge Deck Latex Concrete Overlay, 2 1/4"

\*\* Cost included in the cost for Bridge Deck Latex Concrete Overlay, 2 1/4"

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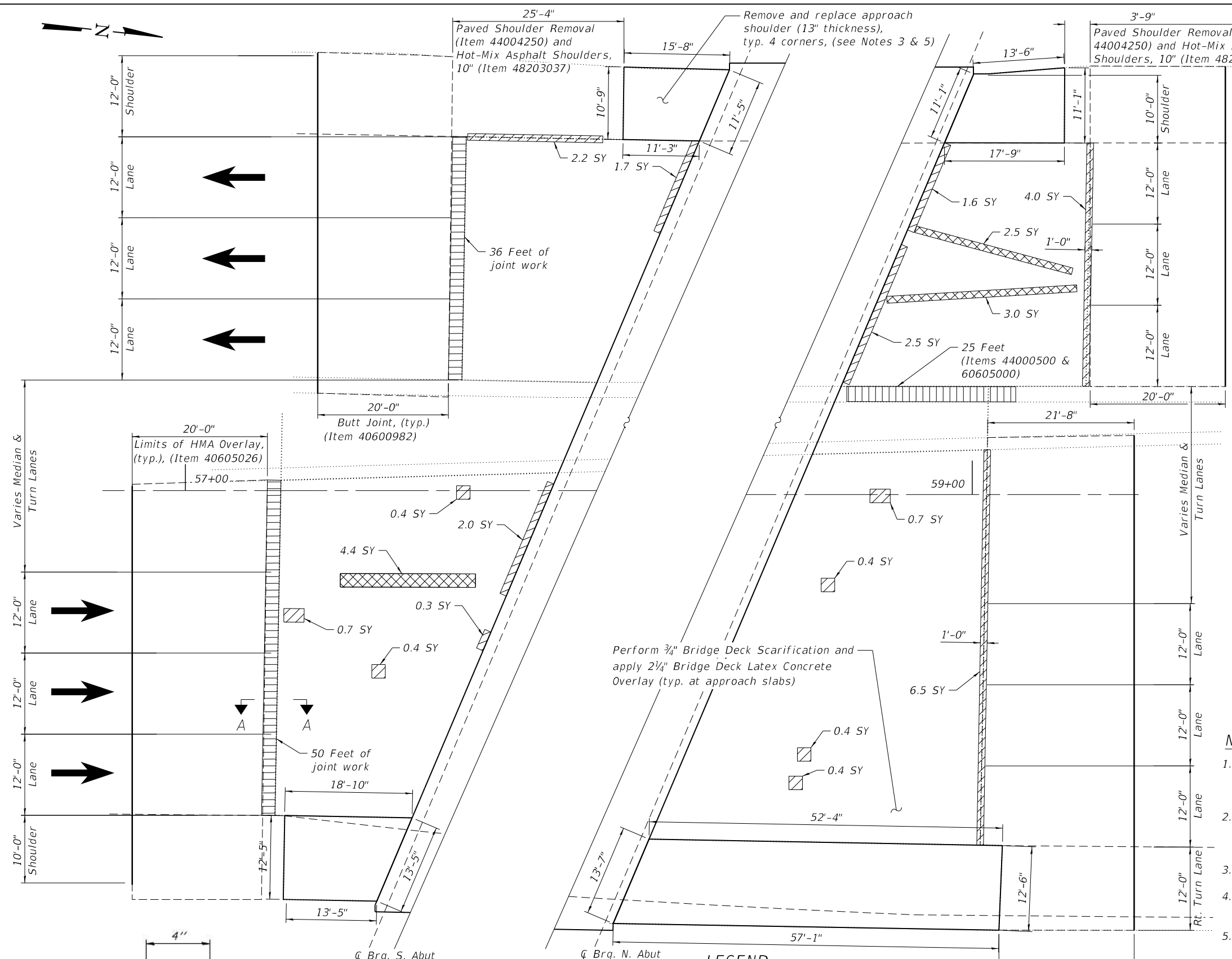
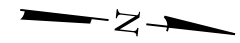
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 OVER SALT CREEK (S.N. 022-0045)**  
**BRIDGE DECK REPAIRS**

SHEET 5 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	11
CONTRACT NO.			62M36	
ILLINOIS		FED. AID PROJECT		



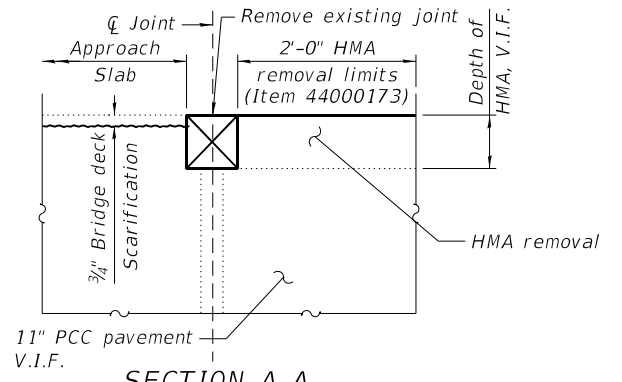
**PARTIAL PLAN**

**LEGEND**

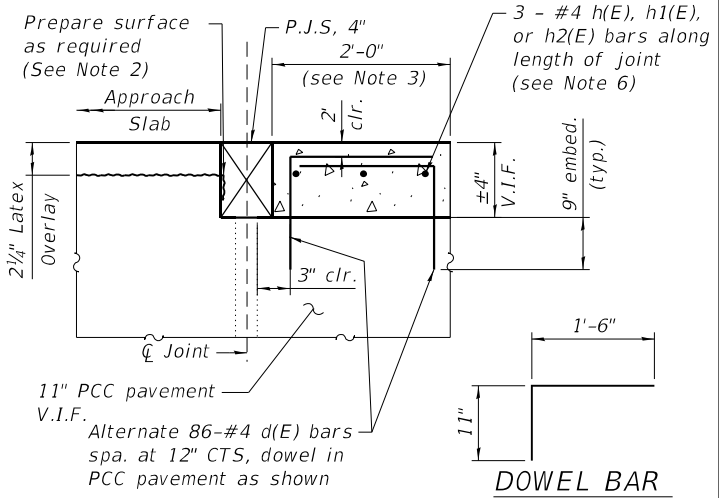
- Approach Slab Repair (Partial Depth)
- Approach Slab Repair (Full Depth)
- Preformed Joint Seal, 4"
- Combination Concrete Curb and Gutter, Type B-6.24 (removal and replacement)

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Approach Slab Repair (Full Depth)	SQ YD	10
Approach Slab Repair (Partial Depth)	SQ YD	24
Preformed Joint Seal, 4"	FOOT	86
Bridge Approach Shoulder Removal	SQ YD	133
Concrete Superstructure (Approach Slab)	CU YD	50.0
Reinforcement Bars, Epoxy Coated	POUND	9,690
Drill and Grout Bars	EACH	86
Bar Splicers	EACH	9



**SECTION A-A (Existing)**



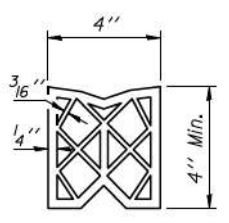
**SECTION A-A (Proposed)**

**DOWEL BAR DETAIL**

**NOTES:**

1. Areas of Approach Slab Repair (Partial Depth) and Approach Slab Repair (Full Depth) are estimated. The Engineer shall mark actual location of repairs after scarification and cleaning.
2. Contractor shall verify in the field the condition of the surface and prepare the surface and follow the installation procedures per specifications for "Preformed Bridge Joint Seal".
3. Cost of concrete is included in Concrete Superstructures (Approach Slab)
4. For scarification, latex overlay, grooving, protective coat, approach slab, and rebar quantities, see Deck Repairs sheet.
5. Approach slab shoulders shall be built to the final elevation of the adjacent approach slab. Contractor shall verify in field the dimensions of the approach shoulders. Replacement in-kind of the approach shoulders shall include the reinforcement bars, and the bars shall be paid for as "Reinforcement Bars, Epoxy Coated." The estimated weight of the reinforcement in the four approach shoulders is 9,500 lbs.
6. h(E) bars shall be used on south bound joint. h1(E) and h2(E) bars shall be used on north bound joint during Stages I and II, respectively. Cut bars in the field as needed for staged construction and use bar splicers as indicated on sheet 13.

**PREFORMED JOINT SEAL DETAIL**



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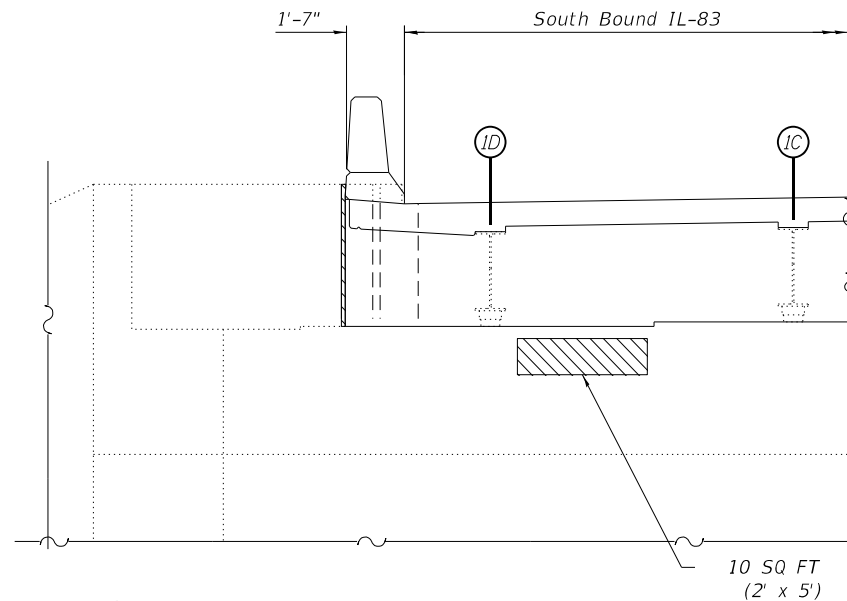
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 83 OVER SALT CREEK (S.N. 022-0045)  
APPROACH SLAB REPAIRS**

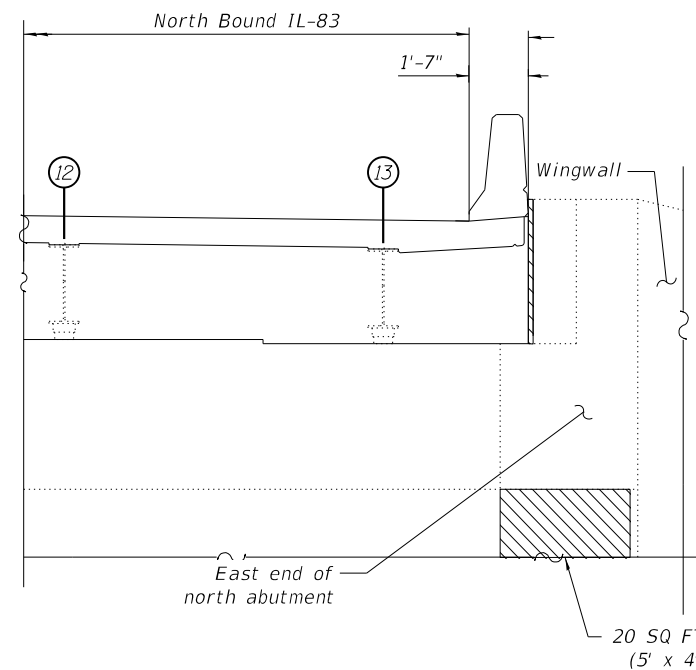
SHEET 6 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	12
CONTRACT NO.			62M36	
ILLINOIS		FED. AID PROJECT		



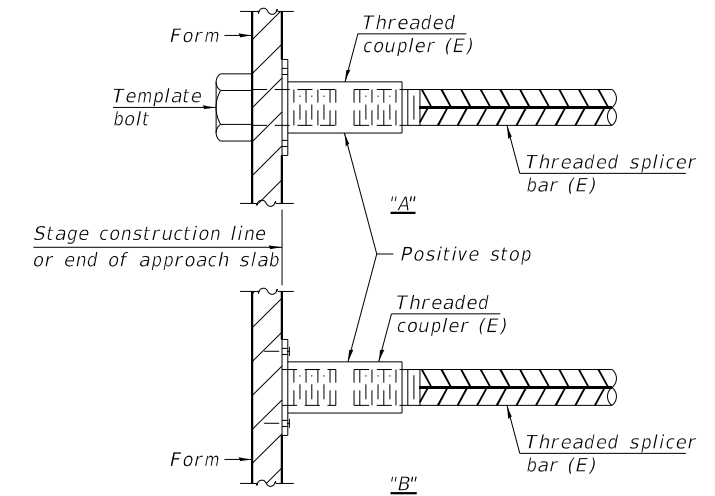
**LEGEND**

Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)



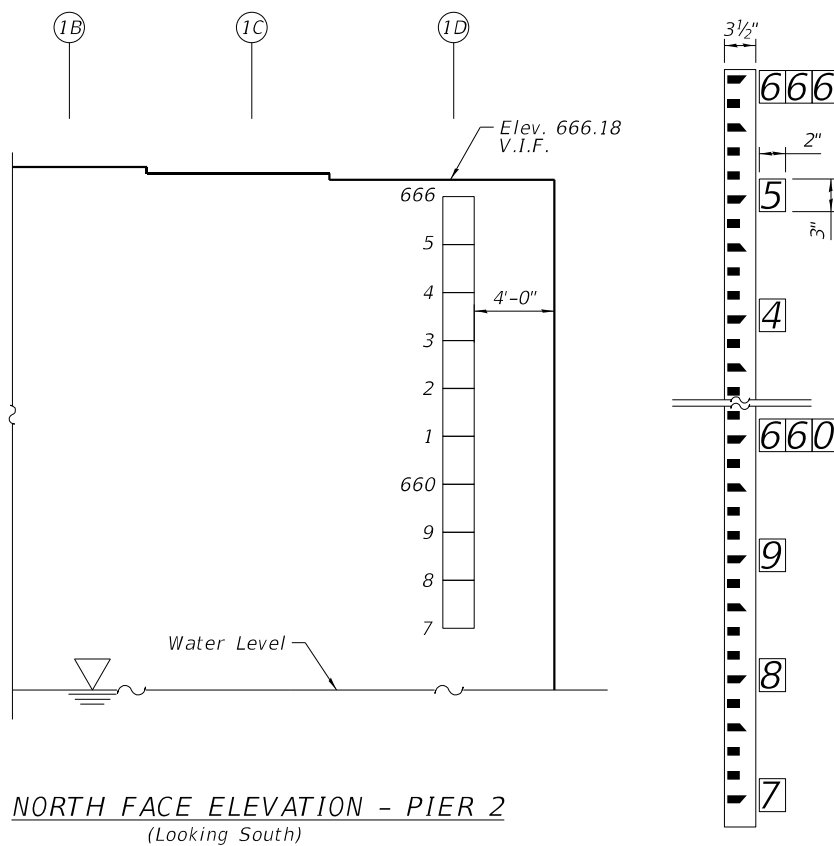
**NORTH ABUTMENT ELEVATION**

(Looking North)



**INSTALLATION AND SETTING METHODS**

"A" : Set bar splicer assembly by means of a template bolt.  
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.  
 (E) : Indicates epoxy coating.



**NORTH FACE ELEVATION - PIER 2**

(Looking South)

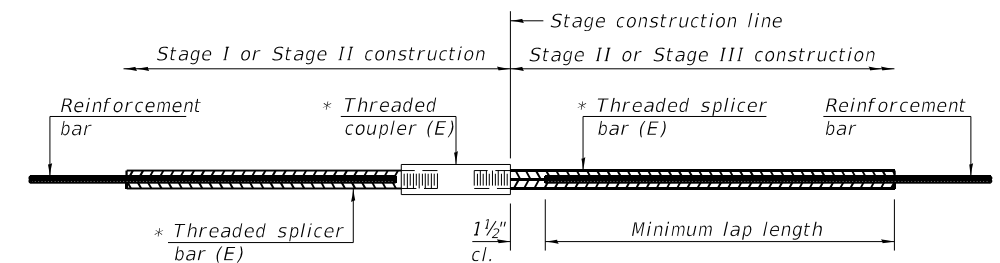
**STREAM GAUGE DETAIL**

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth equal to or less than 5 inches)	SQ FT	30
Stream Gauge	EACH	1

**STREAM GAUGE NOTES:**

- The gauge plates shall be enameled iron plate graduated in feet and tenths. Unnumbered and 3 1/2" wide. Gauge plates shall be Watermark Style "E" or approved equivalent.
- Each individual number plate should be a black numeral on 2" x 3" white porcelain enameled iron plate. Number plates shall be "WaterMark" Style "E" or approved equivalent.
- Both the gauge and number plates shall be fastened directly to the pier with a 1/4" diameter, 1 1/2" long masonry screw with a hex washer head.
- Three digit elevations to be installed at the top of the gauge and at every elevation ending with 0. At all of the other elevations, place the last digit as shown in the elevation view.



**STANDARD BAR SPLICER ASSEMBLY**

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

\* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
South Bound - Stage I	#4	3	2'-5"
South Bound - Stage II	#4	3	2'-5"
North Bound - Stage I	#4	3	2'-5"

**SPLICER NOTES**

- Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
- All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
- See approved list of bar splicer assemblies and mechanical splicers for alternatives.

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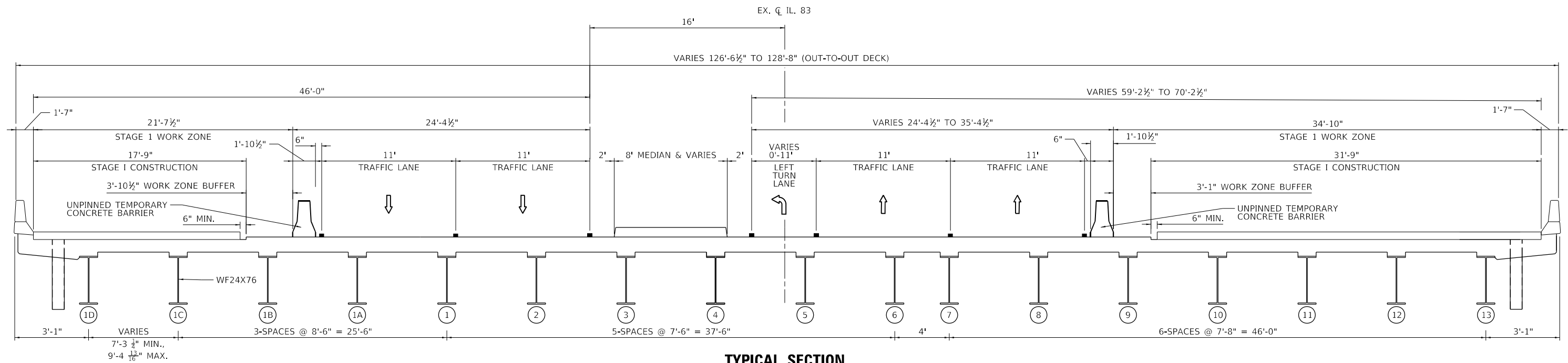
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**STATE OF ILLINOIS  
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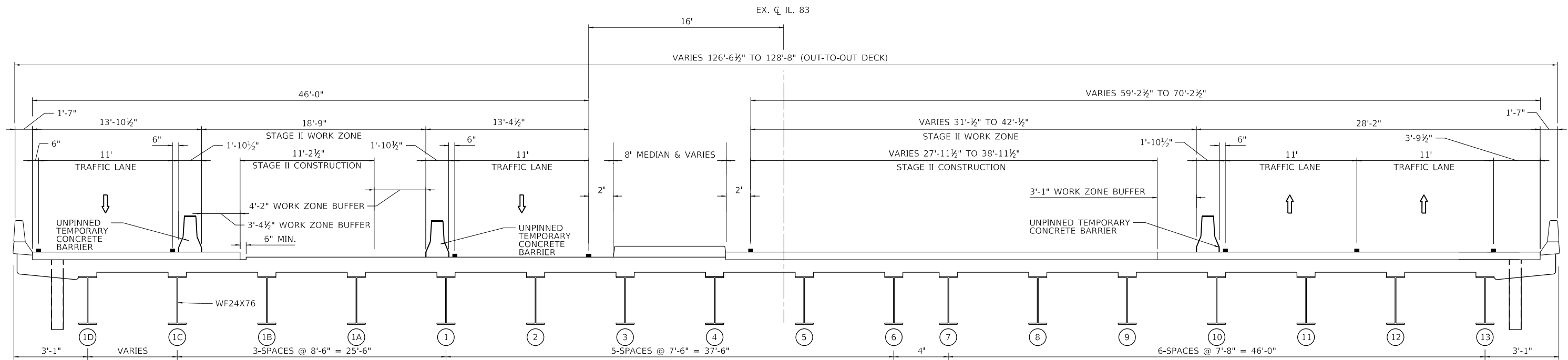
**IL ROUTE 83 OVER SALT CREEK (S.N. 022-0045)  
 ABUTMENT REPAIRS, STREAM GAUGE, AND SPLICE DETAILS**

SHEET 7 OF 7 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	13
CONTRACT NO.			62M36	
ILLINOIS			FED. AID PROJECT	



**TYPICAL SECTION  
STAGE I**



**TYPICAL SECTION  
STAGE II**

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**LOCHNER**  
 H. W. LOCHNER, INC.  
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 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

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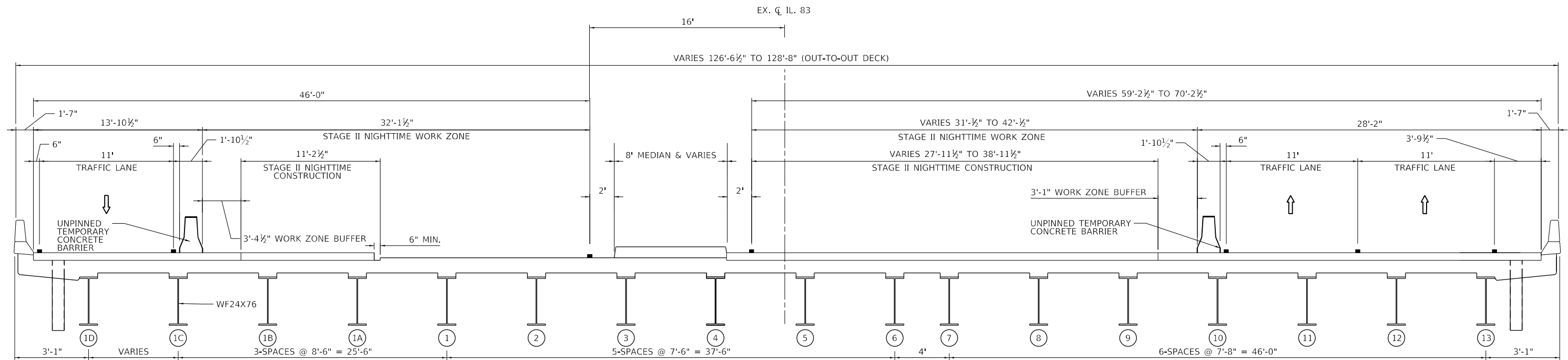
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
MOT TYPICAL SECTIONS**

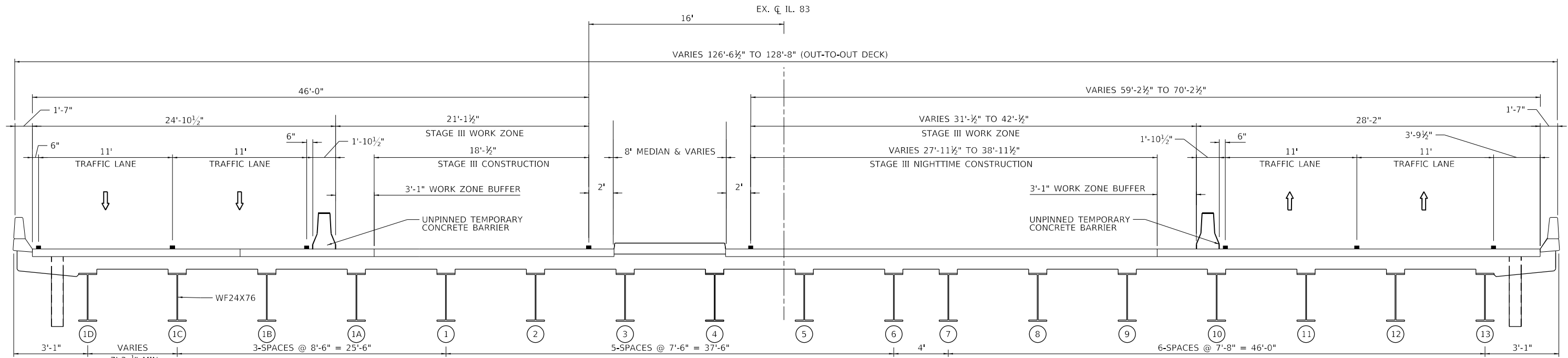
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	14
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



**TYPICAL SECTION  
STAGE II NIGHTTIME**

**\*STAGE II NIGHTTIME LANE CLOSURE SHALL ONLY BE ALLOWED  
OVERNIGHT BETWEEN 9 PM AND 5 AM.**



**TYPICAL SECTION  
STAGE III**

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**LOCHNER**  
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 CHICAGO, ILLINOIS 60606

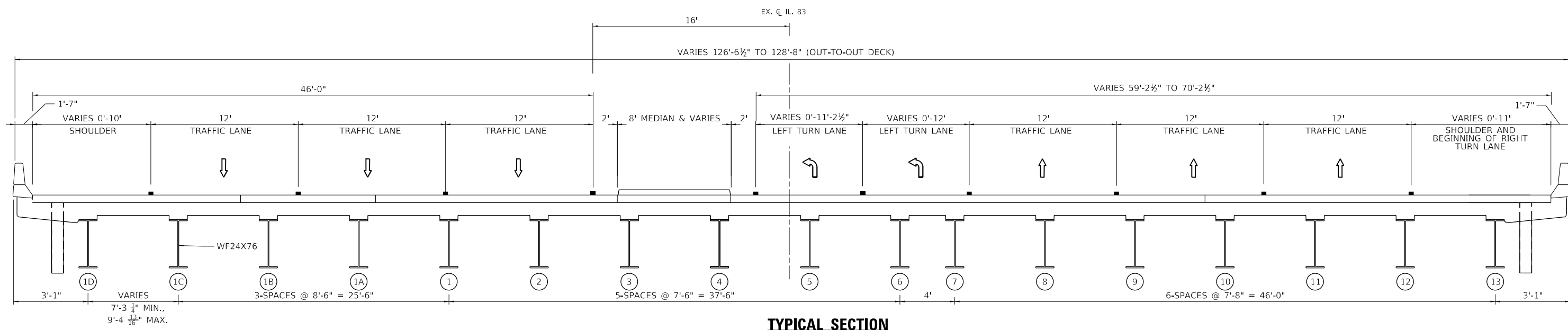
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
MOT TYPICAL SECTIONS**

SCALE: SHEET 2 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



**TYPICAL SECTION  
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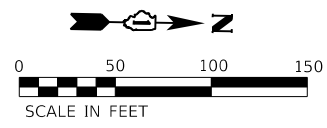
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
MOT TYPICAL SECTIONS**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	16
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	





W20-1103(0)-48

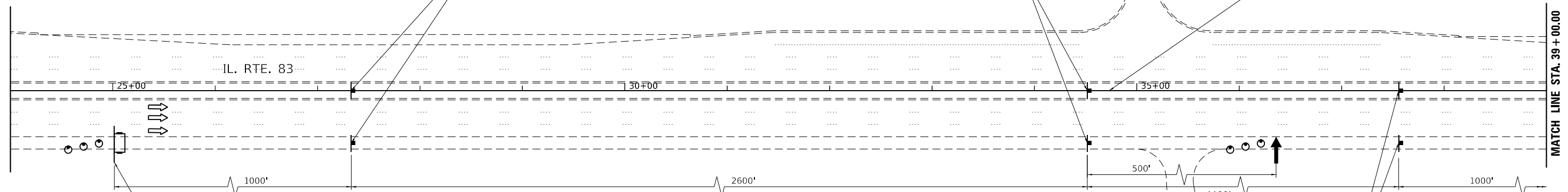


W20-5(0)-48



E. HIGHLAND AVE.

IL. RTE. 83 C



CHANGEABLE MESSAGE SIGN

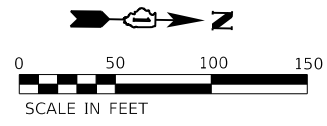
BEFORE WORK BEGINS MESSAGES  
 PHASE I: ROAD WORK BEGINS  
 PHASE II: WEEK OF XX/XX  
 PHASE III: EXPECT DELAYS

AFTER WORK BEGINS  
 PHASE I: ROAD WORK AHEAD  
 PHASE II: EXPECT DELAYS

**NOTE:**  
 INSTALL ADDITIONAL CHANGEABLE MESSAGE SIGN WITH BELOW LEGEND ON OUTSIDE SHOULDER OF NB IL 83 BETWEEN 16TH STREET AND THE EXIT RAMP TO EB IL 38/IL 56 PRECEDED BY A 75' 3-DRUM TAPER.

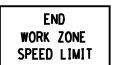
PHASE I: ROAD WORK ON IL 83  
 PHASE II: EXPECT DELAYS  
 PHASE III: CONSIDER ALT ROUTE

SALT CREEK SANITARY DISTRICT  
 (MAINTAIN ACCESS AT ALL TIMES)



WORK ZONE W21-1115(0)-3618  
 SPEED LIMIT R2-1-3648  
 PHOTO ENFORCED R10-1108p-3618  
 #250 FINE MINIMUM R2-1106p-3618

G20-1103(0)-6036



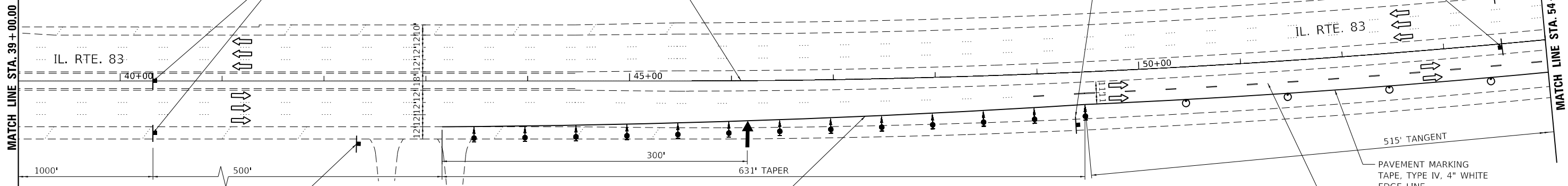
W24-1a(0)-48

W13-1(0)-2424

ILLINOIS PRAIRIE PATH

IL. RTE. 83 C

IL. RTE. 83



SEE DISTRICT ONE STANDARD TC-26

SALT CREEK SANITARY DISTRICT  
 (MAINTAIN ACCESS AT ALL TIMES)

PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE

- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAFFIC
  - TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' SPACING
  - TEMP. IMPACT ATTENUATOR, TEST LEVEL III
  - TYPE III BARRICADE
  - FLASHING ARROW BOARD
  - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT 50' SPACING
  - TEMPORARY CONCRETE BARRIER
  - PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE SKIP-DASH LINE, 10' LINE, 30' SPACE
  - PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE

MODEL: D:\m\l\LOCHNER\PROJECTS\2020\11\18\1103-SALT-CREEK-SHT-HW-MOT-STAGE\_1\_01.dwg

**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

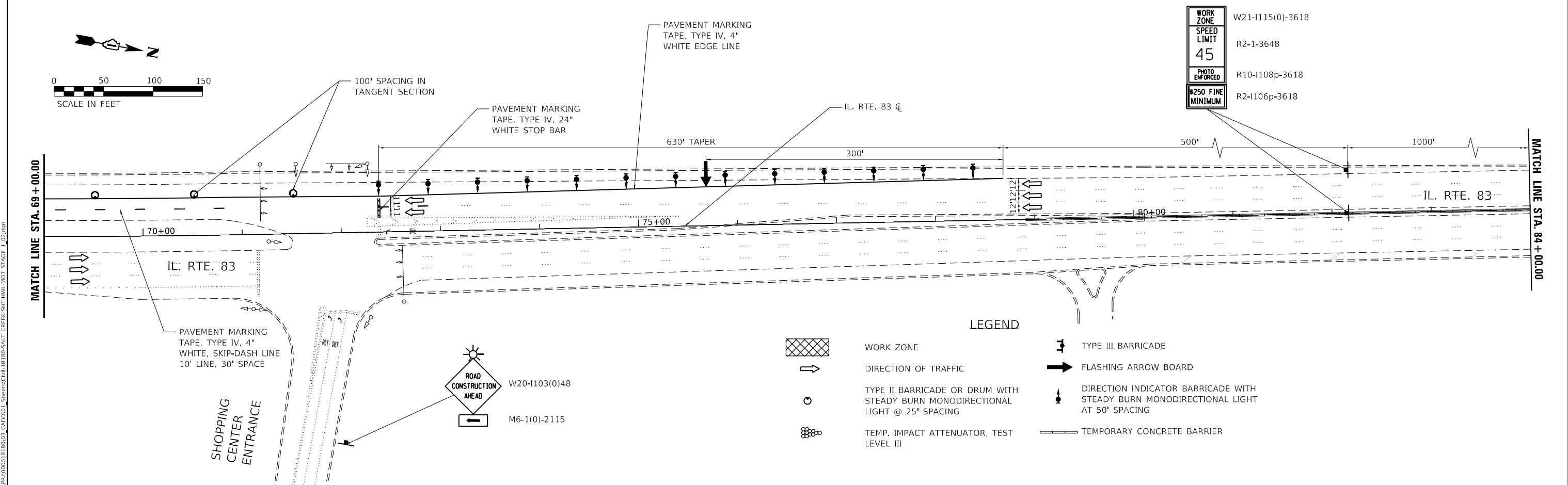
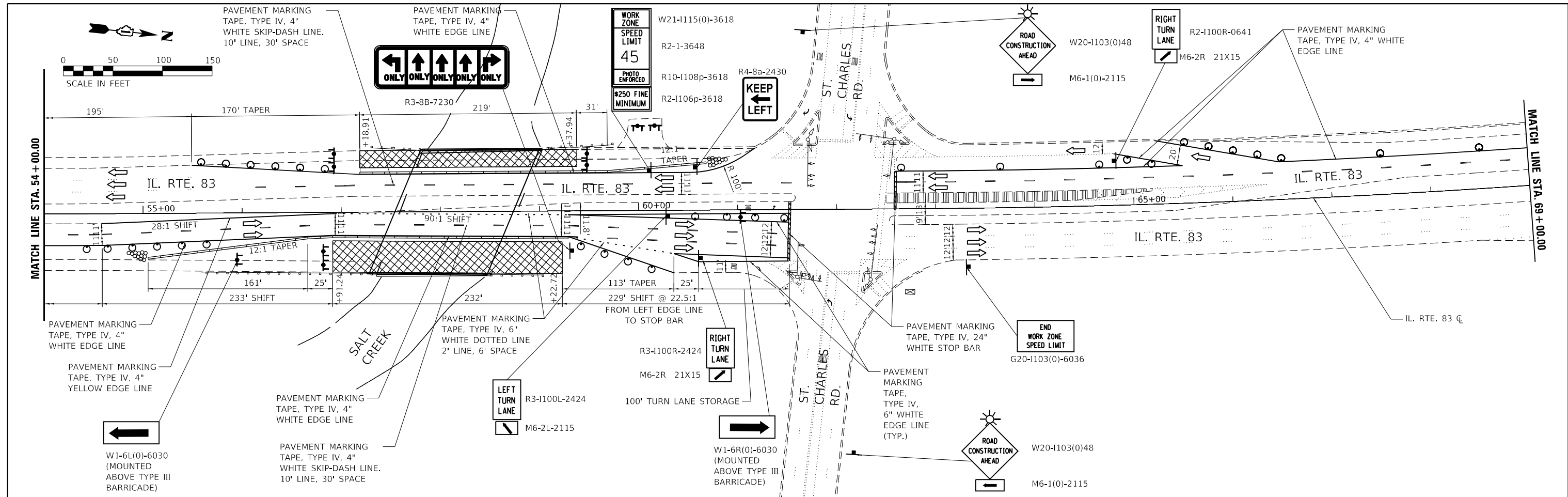
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 1

SCALE: 1" = 50'

SHEET 4 OF 16 SHEETS STA. 24+00.00 TO STA. 54+00.00

F.A.P. RTE. 344	SECTION 2020-181-BR	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 17
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

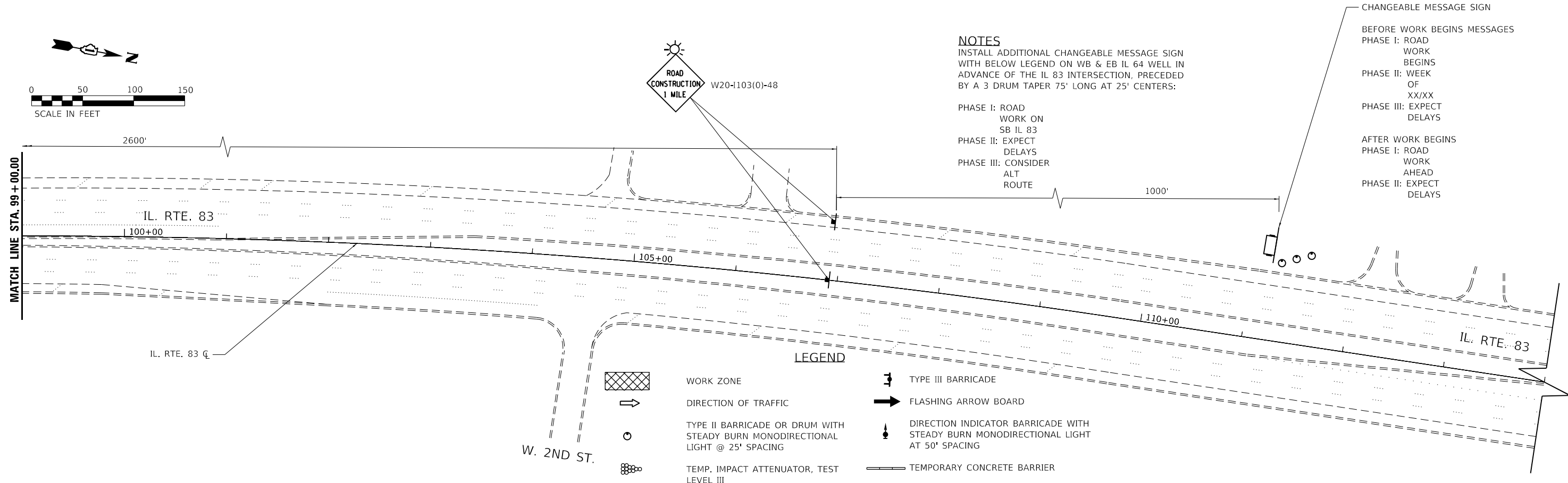
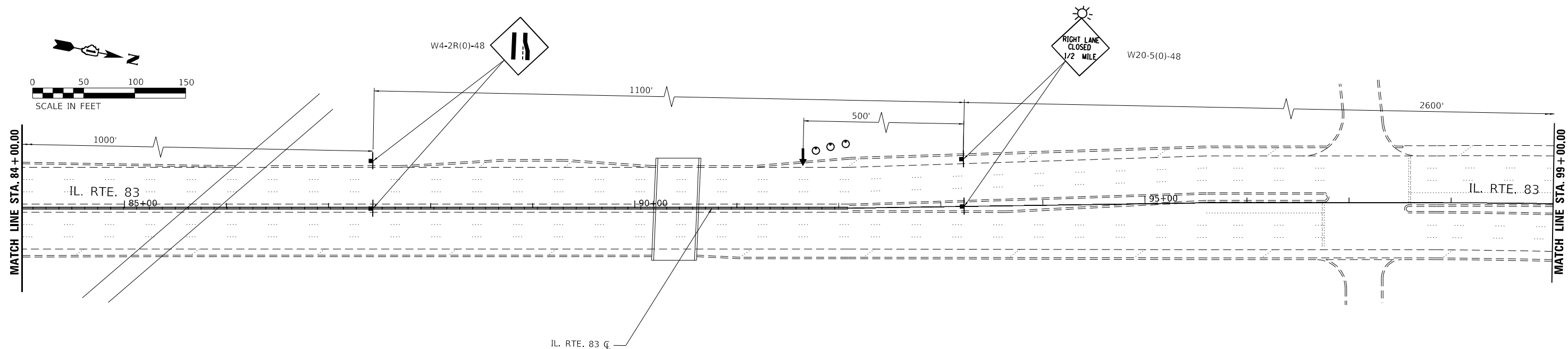
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 1**

SCALE: 1" = 50'  
 SHEET 5 OF 16 SHEETS  
 STA. 54+00.00 TO STA. 84+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	18
CONTRACT NO. 62M36				
ILLINOIS FED. AID PROJECT				

MODEL: D:\m\1\1000000018180003\_CADD\01\_Sheets\CH181800-SALT\_CREEK-SHT-HW1-MOT\_STAGE\_1\_02.dwg  
 FILE NAME: R:\M\181800-SALT\_CREEK-SHT-HW1-MOT\_STAGE\_1\_02.dwg



**NOTES**  
 INSTALL ADDITIONAL CHANGEABLE MESSAGE SIGN WITH BELOW LEGEND ON WB & EB IL 64 WELL IN ADVANCE OF THE IL 83 INTERSECTION, PRECEDED BY A 3 DRUM TAPER 75' LONG AT 25' CENTERS:

PHASE I: ROAD WORK ON SB IL 83  
 PHASE II: EXPECT DELAYS  
 PHASE III: CONSIDER ALT ROUTE

CHANGEABLE MESSAGE SIGN

BEFORE WORK BEGINS MESSAGES  
 PHASE I: ROAD WORK BEGINS  
 PHASE II: WEEK OF XX/XX  
 PHASE III: EXPECT DELAYS

AFTER WORK BEGINS  
 PHASE I: ROAD WORK AHEAD  
 PHASE II: EXPECT DELAYS

- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAFFIC
  - TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' SPACING
  - TEMP. IMPACT ATTENUATOR, TEST LEVEL III
  - TYPE III BARRICADE
  - FLASHING ARROW BOARD
  - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT 50' SPACING
  - TEMPORARY CONCRETE BARRIER

MODEL: D:\m\h\l\p\10000001\100003\_CADD\01\_Sheets\CH1118100-SALT\_CREEK-SHT-HW-10T\_STAGE\_1\_03.dwg  
 FILE NAME: L:\CH1118100-SALT\_CREEK-SHT-HW-10T\_STAGE\_1\_03.dwg

**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

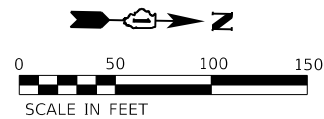
USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 1**

SCALE: 1" = 50'    SHEET 6 OF 16 SHEETS    STA. 84+00.00 TO STA. 114+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	19
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



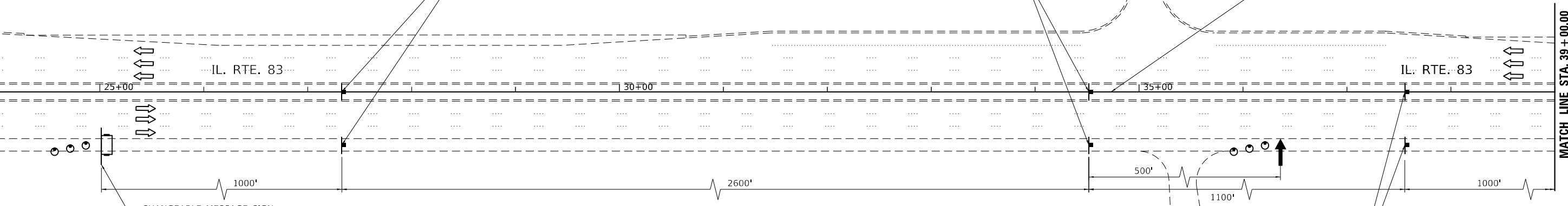
W20-1103(0)-48



W20-5(0)-48



E. HIGHLAND AVE.



BEFORE WORK BEGINS MESSAGES — AFTER WORK BEGINS

PHASE I: ROAD WORK BEGINS

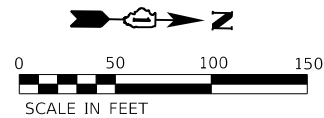
PHASE II: WEEK OF XX/XX

PHASE III: EXPECT DELAYS

PHASE I: ROAD WORK AHEAD

PHASE II: EXPECT DELAYS

SALT CREEK SANITARY DISTRICT  
(MAINTAIN ACCESS AT ALL TIMES)

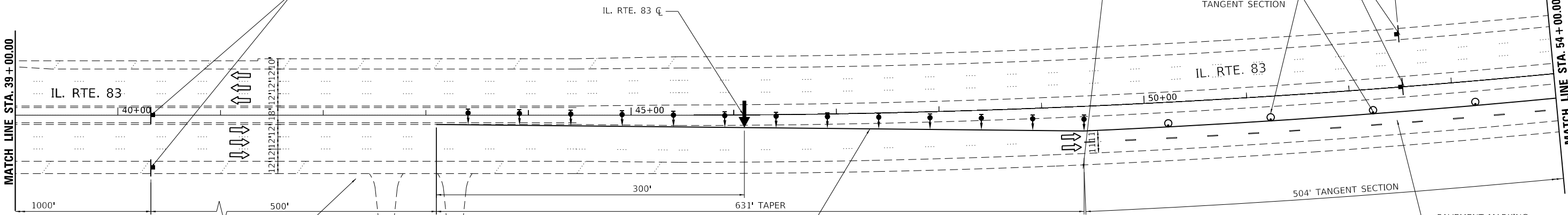


WORK ZONE W21-1115(0)-3618

SPEED LIMIT R2-1-3648

PHOTO ENFORCED R10-1108p-3618

#250 FINE MINIMUM R2-1106p-3618



SEE DISTRICT ONE STANDARD TC-26

SALT CREEK SANITARY DISTRICT  
(MAINTAIN ACCESS AT ALL TIMES)

PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE



WORK ZONE



DIRECTION OF TRAFFIC



TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' SPACING



TEMP. IMPACT ATTENUATOR, TEST LEVEL III



TYPE III BARRICADE



FLASHING ARROW BOARD

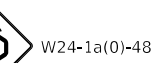
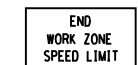


DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT 50' SPACING



TEMPORARY CONCRETE BARRIER

G20-1103(0)-6036



W13-1(0)-2424

100' SPACING IN TANGENT SECTION

200'

504' TANGENT SECTION

PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE SKIP-DASH LINE, 10' LINE, 30' SPACE

MODEL: D:\info\LOCHNER\Projects\2020\1180003\_CADD\01\_SHEETSET\1180-SALT\_CREEK-SHT-HW-LMOT-STAGE 2\_01.dgn

**LOCHNER**  
H. W. LOCHNER, INC.  
225 WEST WASHINGTON STREET  
12 TH FLOOR  
CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM

PLOT SCALE = 100,0000' / in.

PLOT DATE = 12/07/2020

DESIGNED - JRS

DRAWN - JRS

CHECKED - DMB

DATE - 12/07/2020

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

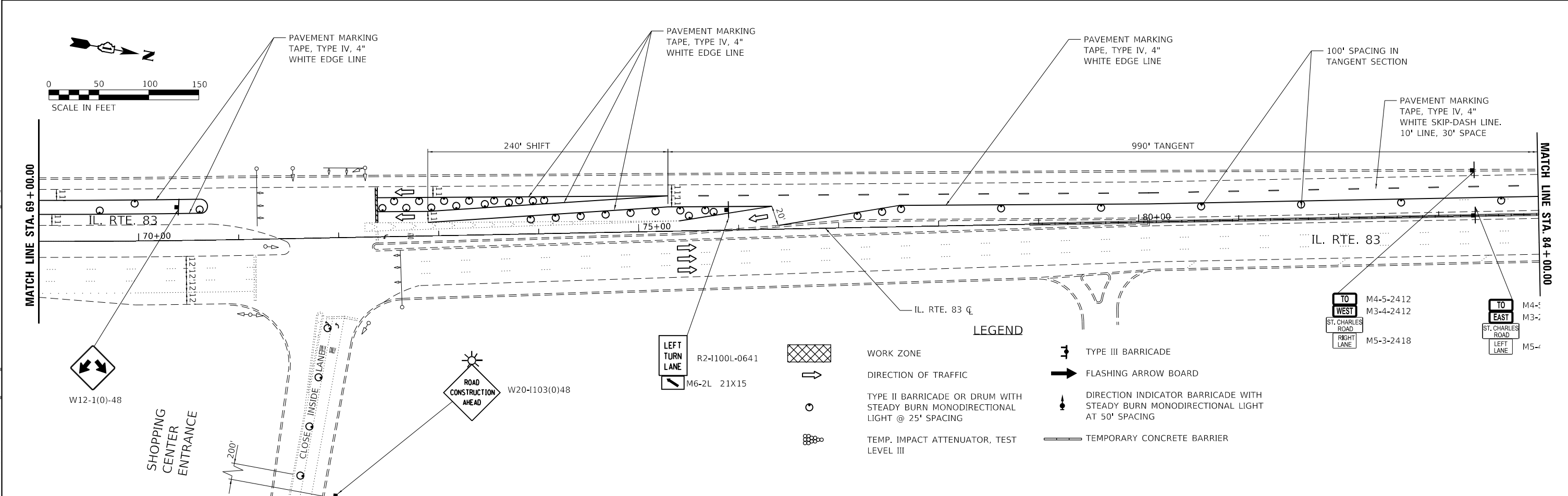
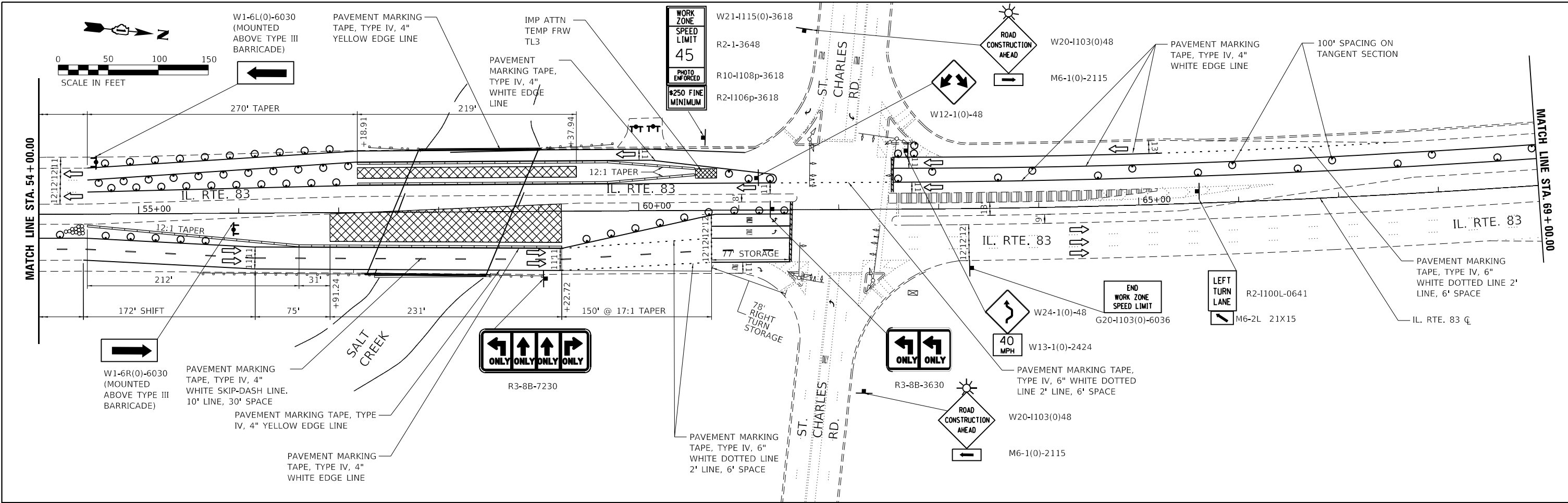
ILLINOIS 83 AT SALT CREEK  
MAINTENANCE OF TRAFFIC STAGE 2

SCALE: 1" = 50'

SHEET 7 OF 16 SHEETS

STA. 24+00.00 TO STA. 54+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	20
CONTRACT NO. 62M36				
ILLINOIS FED. AID PROJECT				



**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

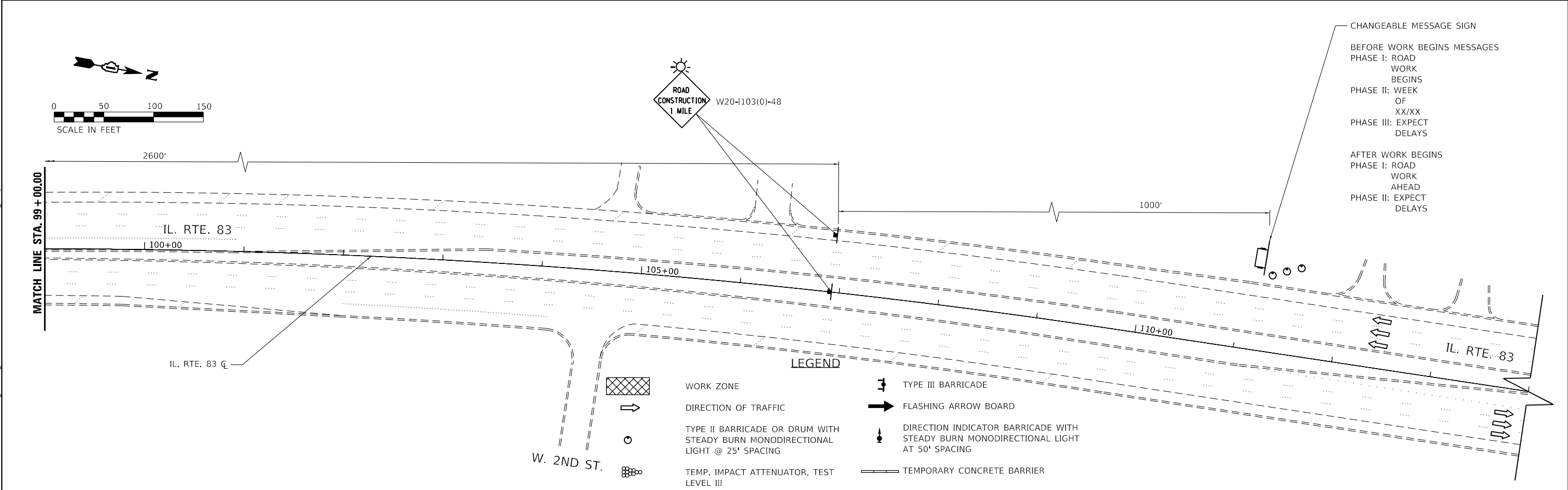
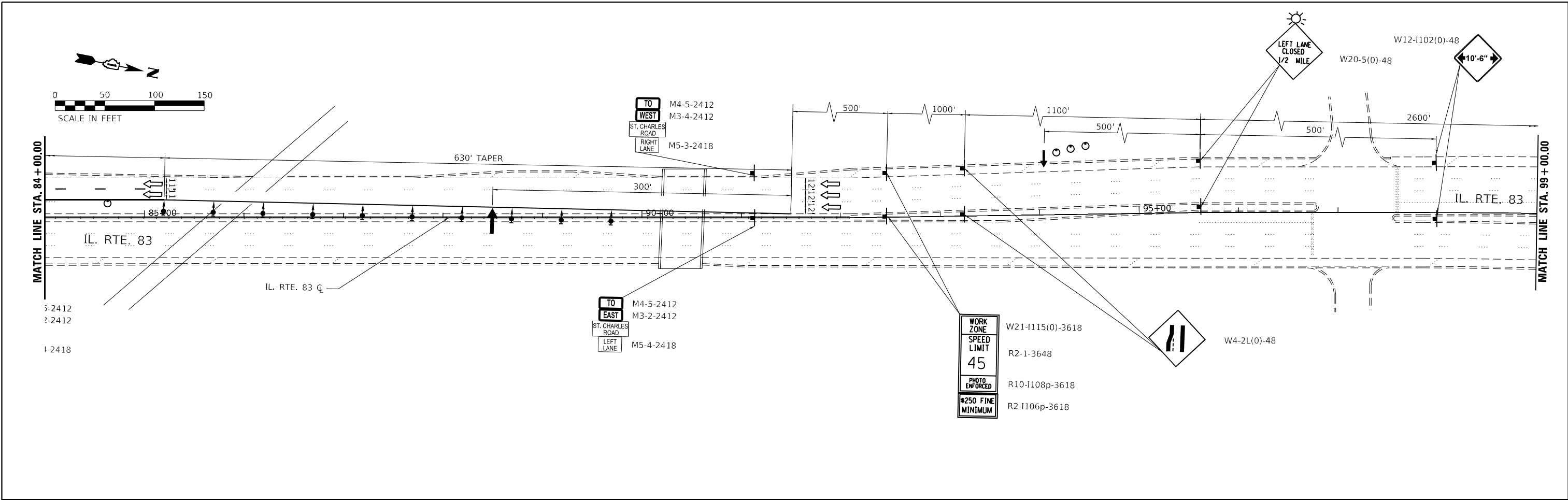
USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 2**

SCALE: 1" = 50'      SHEET 8 OF 16 SHEETS      STA. 54+00.00 TO STA. 84+00.00

F.A.P. RTE. 344	SECTION 2020-181-BR	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 21
CONTRACT NO. 62M36				ILLINOIS FED. AID PROJECT



**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

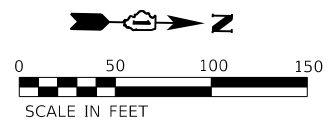
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 2**

SCALE: 1" = 50'  
 SHEET 9 OF 16 SHEETS  
 STA. 84+00.00 TO STA. 114+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	22
CONTRACT NO. 62M36				
ILLINOIS FED. AID PROJECT				

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W20-1103(0)-48

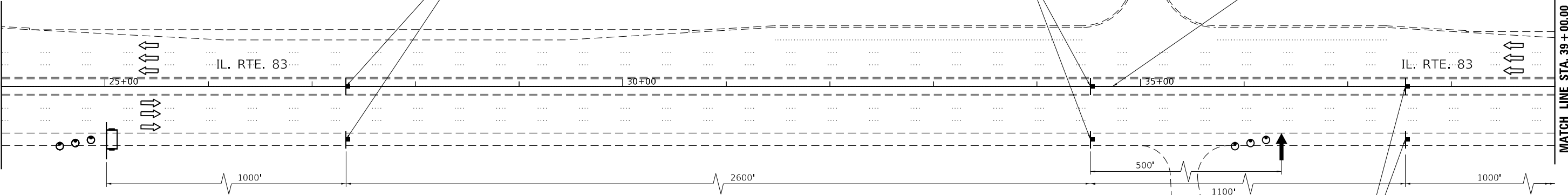


W20-5(0)-48



E. HIGHLAND AVE.

IL. RTE. 83 C

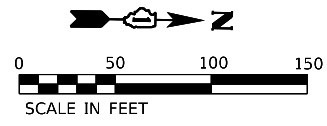


**NOTE:**  
PORTABLE CHANGEABLE MESSAGE SIGN FOR NIGHTTIME WORK MUST BE APPROVED BY THE ENGINEER.

SALT CREEK SANITARY DISTRICT  
(MAINTAIN ACCESS AT ALL TIMES)

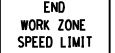


W4-2L(0)-48



- WORK ZONE W21-1115(0)-3618
- SPEED LIMIT R2-1-3648
- PHOTO ENFORCED R10-1108p-3618
- #250 FINE MINIMUM R2-1106p-3618

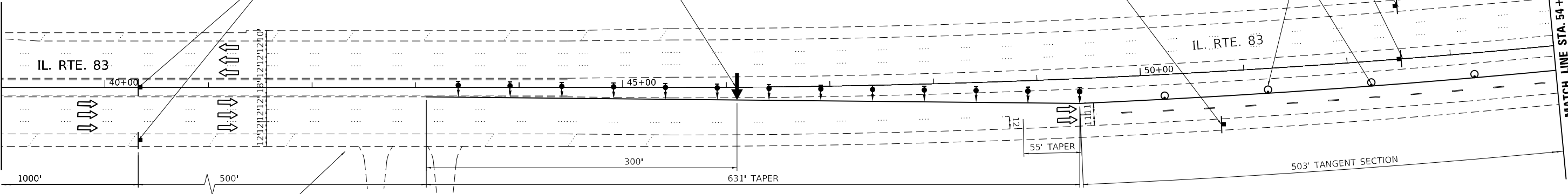
G20-1103(0)-6036



W24-1a(0)-48

W13-1(0)-2424

100' SPACING IN TANGENT SECTION



SALT CREEK SANITARY DISTRICT  
(MAINTAIN ACCESS AT ALL TIMES)



SEE DISTRICT ONE STANDARD TC-26

- LEGEND**
- WORK ZONE
  - DIRECTION OF TRAFFIC
  - TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' SPACING
  - TEMP. IMPACT ATTENUATOR, TEST LEVEL III
  - TYPE III BARRICADE
  - FLASHING ARROW BOARD
  - DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT 50' SPACING
  - TEMPORARY CONCRETE BARRIER

MODEL: D:\mfr\... FILE NAME: ...

**LOCHNER**  
H. W. LOCHNER, INC.  
225 WEST WASHINGTON STREET  
12 TH FLOOR  
CHICAGO, ILLINOIS 60606

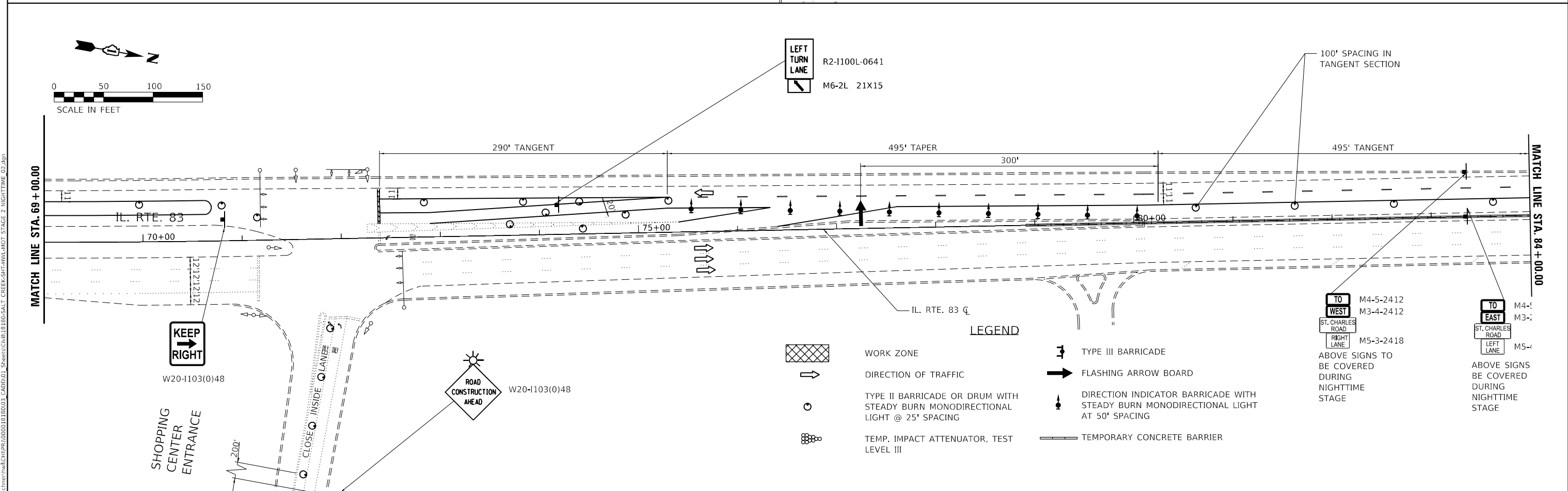
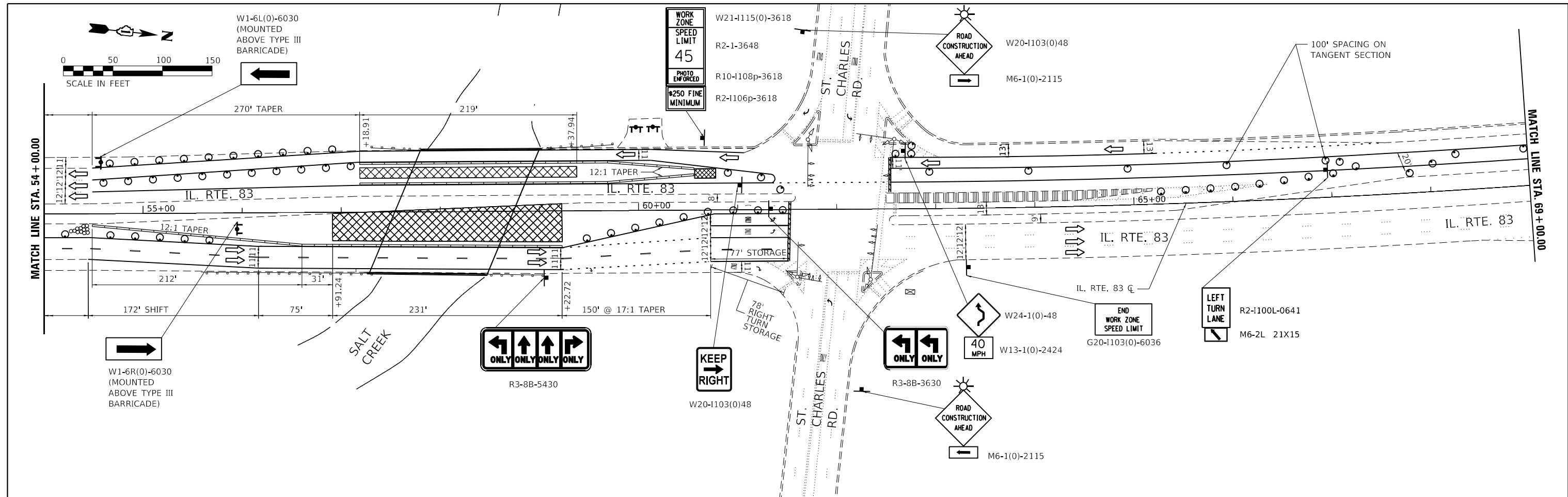
USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS 83 AT SALT CREEK  
MAINTENANCE OF TRAFFIC STAGE 2 - NIGHTTIME OPERATIONS

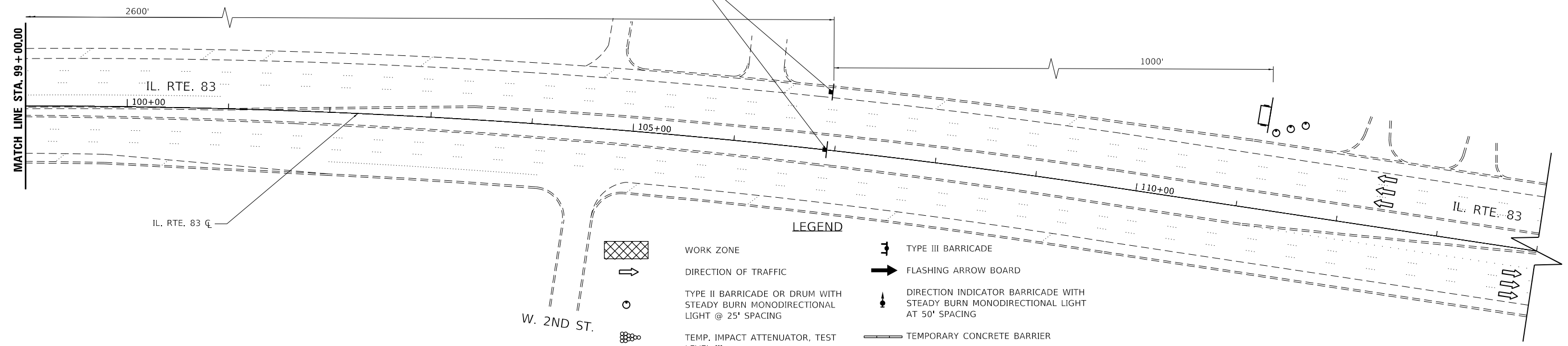
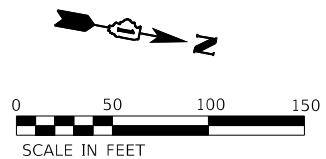
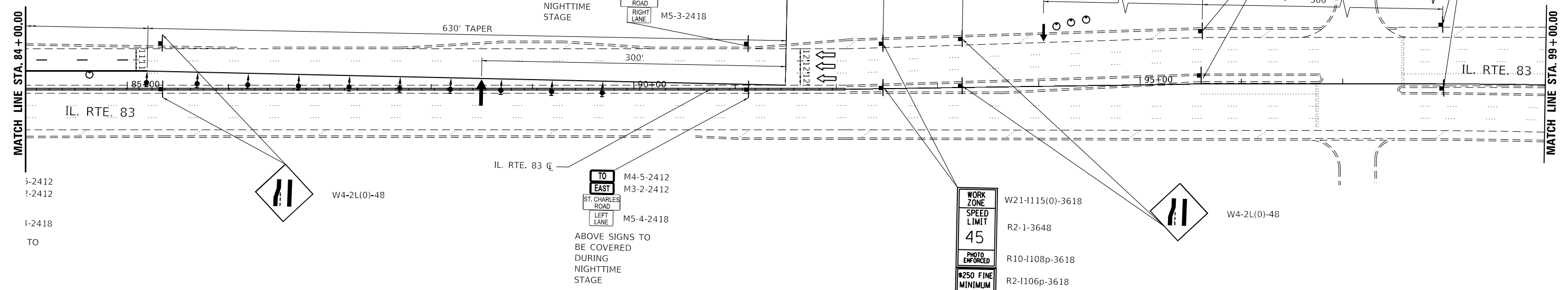
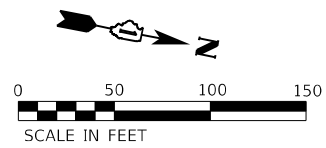
SCALE: 1" = 50' SHEET 10 OF 16 SHEETS STA. 24+00.00 TO STA. 54+00.00

F.A.P. RTE. 344	SECTION 2020-181-BR	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 23
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



<b>LOCHNER</b> H. W. LOCHNER, INC. 225 WEST WASHINGTON STREET 12 TH FLOOR CHICAGO, ILLINOIS 60606	USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS 83 AT SALT CREEK</b> <b>MAINTENANCE OF TRAFFIC STAGE 2 - NIGHTTIME OPERATIONS</b>	F.A.P. RTE. 344	SECTION 2020-181-BR	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 24
	PLOT SCALE = 100,0000' / in.	CHECKED - DMB	REVISIED -			SCALE: 1" = 50'	SHEET 11 OF 16 SHEETS	STA. 54+00.00 TO STA. 84+00.00	CONTRACT NO. 62M36	
	PLOT DATE = 12/07/2020	DATE - 12/07/2020	REVISIED -							





**NOTES**  
 PORTABLE CHANGEABLE MESSAGE SIGN FOR NIGHTTIME WORK MUST BE APPROVED BY THE ENGINEER.

**LEGEND**

	WORK ZONE		TYPE III BARRICADE
	DIRECTION OF TRAFFIC		FLASHING ARROW BOARD
	TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' SPACING		DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT 50' SPACING
	TEMP. IMPACT ATTENUATOR, TEST LEVEL III		TEMPORARY CONCRETE BARRIER

MODEL: D:\info\LOCHNER\CHP\00001810003\_CADD\01\_SIGN\CHP\18100-SALT\_CREEK\ST-NW-L-MOT-STAGE 2\_NIGHTTIME\_03.dgn  
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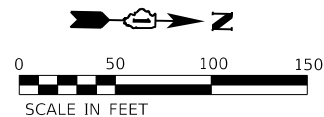
**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 2 - NIGHTTIME OPERATIONS**  
 SCALE: 1" = 50' SHEET 12 OF 16 SHEETS STA. 84+00.00 TO STA. 114+00.00

F.A.P. RTE. 344	SECTION 2020-181-BR	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 25
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



W20-1103(0)-48



W20-5(0)-48

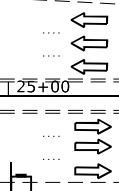


E. HIGHLAND AVE.

IL. RTE. 83 CL

IL. RTE. 83

MATCH LINE STA. 39+00.00



CHANGEABLE MESSAGE SIGN

BEFORE WORK BEGINS MESSAGES  
 PHASE I: ROAD WORK BEGINS  
 PHASE II: WEEK OF XX/XX  
 PHASE III: EXPECT DELAYS

AFTER WORK BEGINS  
 PHASE I: ROAD WORK AHEAD  
 PHASE II: EXPECT DELAYS

**NOTE:**

INSTALL ADDITIONAL CHANGEABLE MESSAGE SIGN WITH BELOW LEGEND ON OUTSIDE SHOULDER OF NB IL 83 BETWEEN 16TH STREET AND THE EXIT RAMP TO EB IL 38/IL 56 PRECEDED BY A 75' 3-DRUM TAPER.

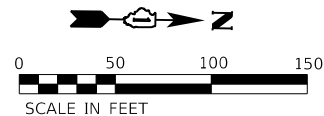
PHASE I: ROAD WORK ON IL 83  
 PHASE II: EXPECT DELAYS  
 PHASE III: CONSIDER ALT ROUTE

SALT CREEK SANITARY DISTRICT

(MAINTAIN ACCESS AT ALL TIMES)

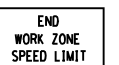


W4-2L(0)-48



W21-1115(0)-3618  
 R2-1-3648  
 R10-1108p-3618  
 R2-1106p-3618

G20-1103(0)-6036

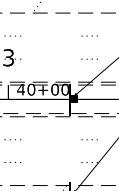


W24-1a(0)-48  
 W13-1(0)-2424

IL. RTE. 83

MATCH LINE STA. 54+00.00

MATCH LINE STA. 39+00.00



SEE DISTRICT ONE STANDARD TC-26

SALT CREEK SANITARY DISTRICT

(MAINTAIN ACCESS AT ALL TIMES)

PAVEMENT MARKING TAPE, TYPE IV, 4" WHITE EDGE LINE

- LEGEND**
- [Cross-hatched box] WORK ZONE
  - [Arrow] DIRECTION OF TRAFFIC
  - [Circle with dot] TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' SPACING
  - [Bumpy circle] TEMP. IMPACT ATTENUATOR, TEST LEVEL III
  - [Barricade symbol] TYPE III BARRICADE
  - [Arrow with light] FLASHING ARROW BOARD
  - [Barricade with light] DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT 50' SPACING
  - [Barrier symbol] TEMPORARY CONCRETE BARRIER

MODEL: D:\mfr\...  
 FILE NAME: ...  
 CHICAGO, ILLINOIS 60606

**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

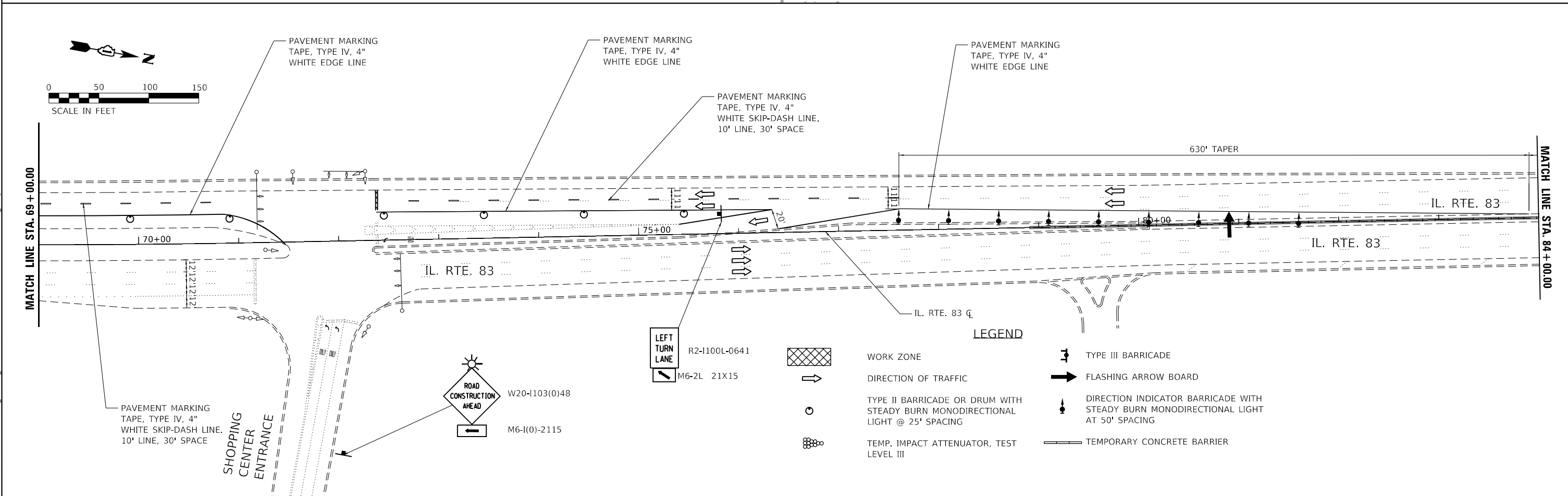
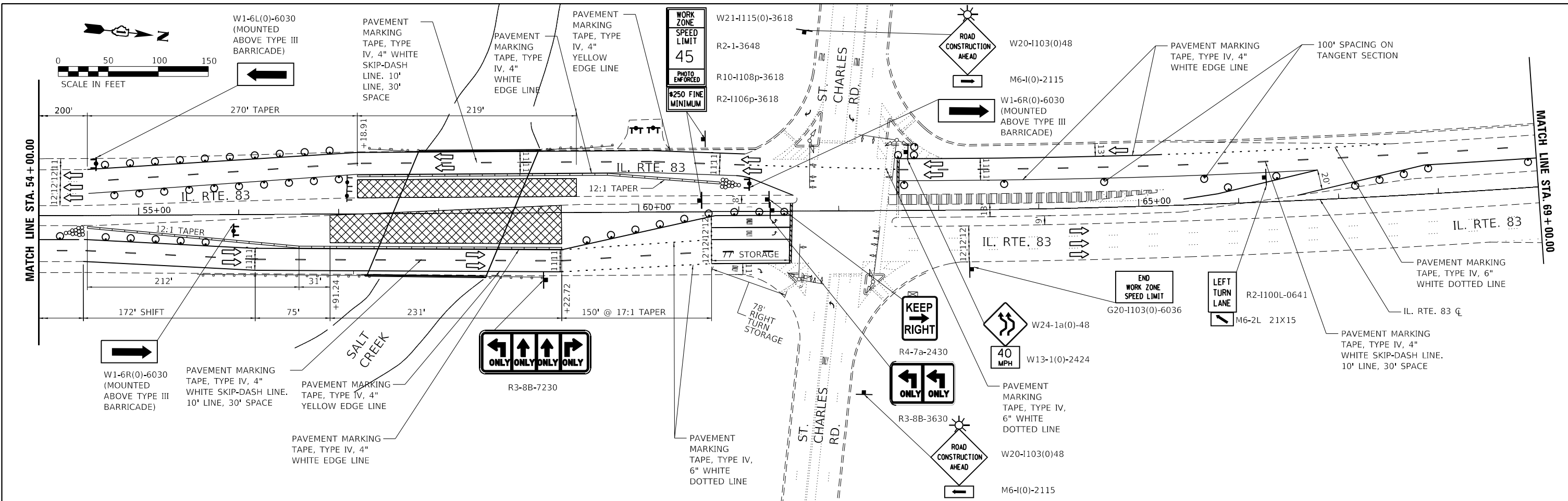
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	DATE - 12/07/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 3**

SCALE: 1" = 50' SHEET 13 OF 16 SHEETS STA. 24+00.00 TO STA. 54+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	26
CONTRACT NO. 62M36				
ILLINOIS FED. AID PROJECT				



**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - JRS	REVISED -
PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

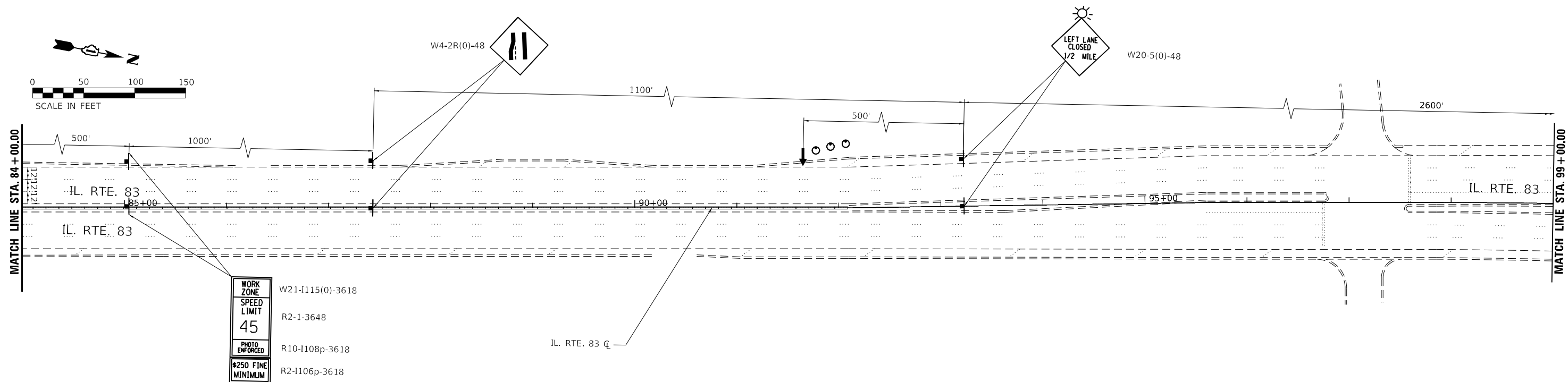
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 3**

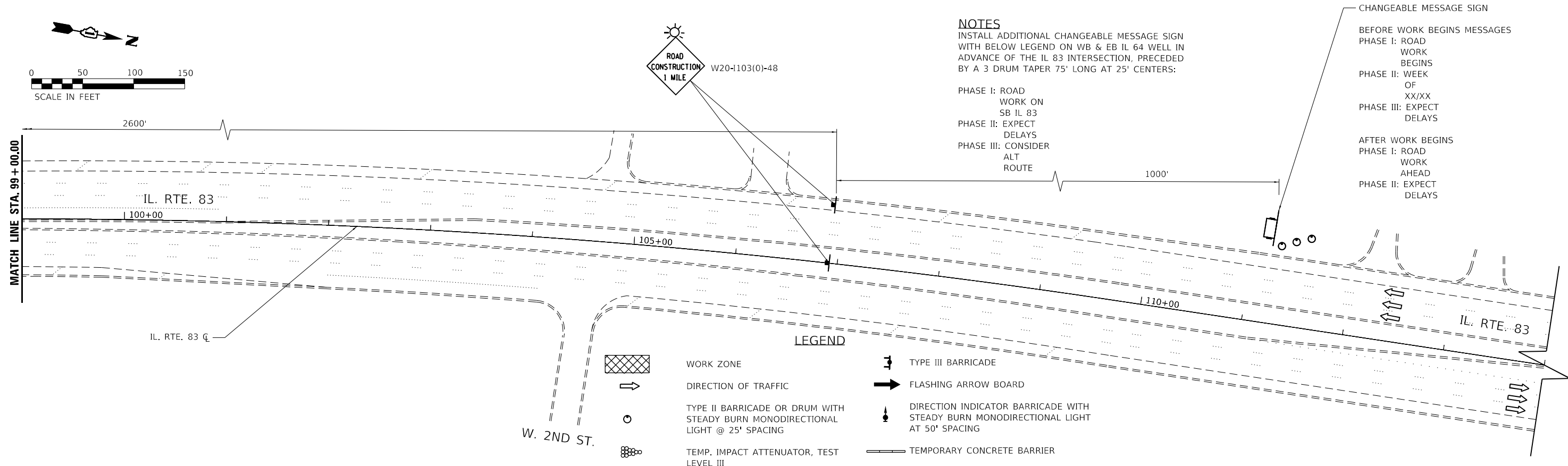
SCALE: 1" = 50'

SHEET 14 OF 16 SHEETS STA. 54+00.00 TO STA. 84+00.00

F.A.P. RTE. 344	SECTION 2020-181-BR	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 27
				CONTRACT NO. 62M36
ILLINOIS FED. AID PROJECT				



WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1-3648
45	
PHOTO ENFORCED	R10-1108p-3618
#250 FINE MINIMUM	R2-1106p-3618



**NOTES**  
 INSTALL ADDITIONAL CHANGEABLE MESSAGE SIGN WITH BELOW LEGEND ON WB & EB IL 64 WELL IN ADVANCE OF THE IL 83 INTERSECTION, PRECEDED BY A 3 DRUM TAPER 75' LONG AT 25' CENTERS:

PHASE I: ROAD WORK ON SB IL 83  
 PHASE II: EXPECT DELAYS  
 PHASE III: CONSIDER ALT ROUTE

CHANGEABLE MESSAGE SIGN

BEFORE WORK BEGINS MESSAGES  
 PHASE I: ROAD WORK BEGINS  
 PHASE II: WEEK OF XX/XX  
 PHASE III: EXPECT DELAYS

AFTER WORK BEGINS  
 PHASE I: ROAD WORK AHEAD  
 PHASE II: EXPECT DELAYS

**LEGEND**

	WORK ZONE		TYPE III BARRICADE
	DIRECTION OF TRAFFIC		FLASHING ARROW BOARD
	TYPE II BARRICADE OR DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT @ 25' SPACING		DIRECTION INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT AT 50' SPACING
	TEMP. IMPACT ATTENUATOR, TEST LEVEL III		TEMPORARY CONCRETE BARRIER

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**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
	DRAWN - JRS	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DMB	REVISED -
PLOT DATE = 12/07/2020	DATE - 12/07/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

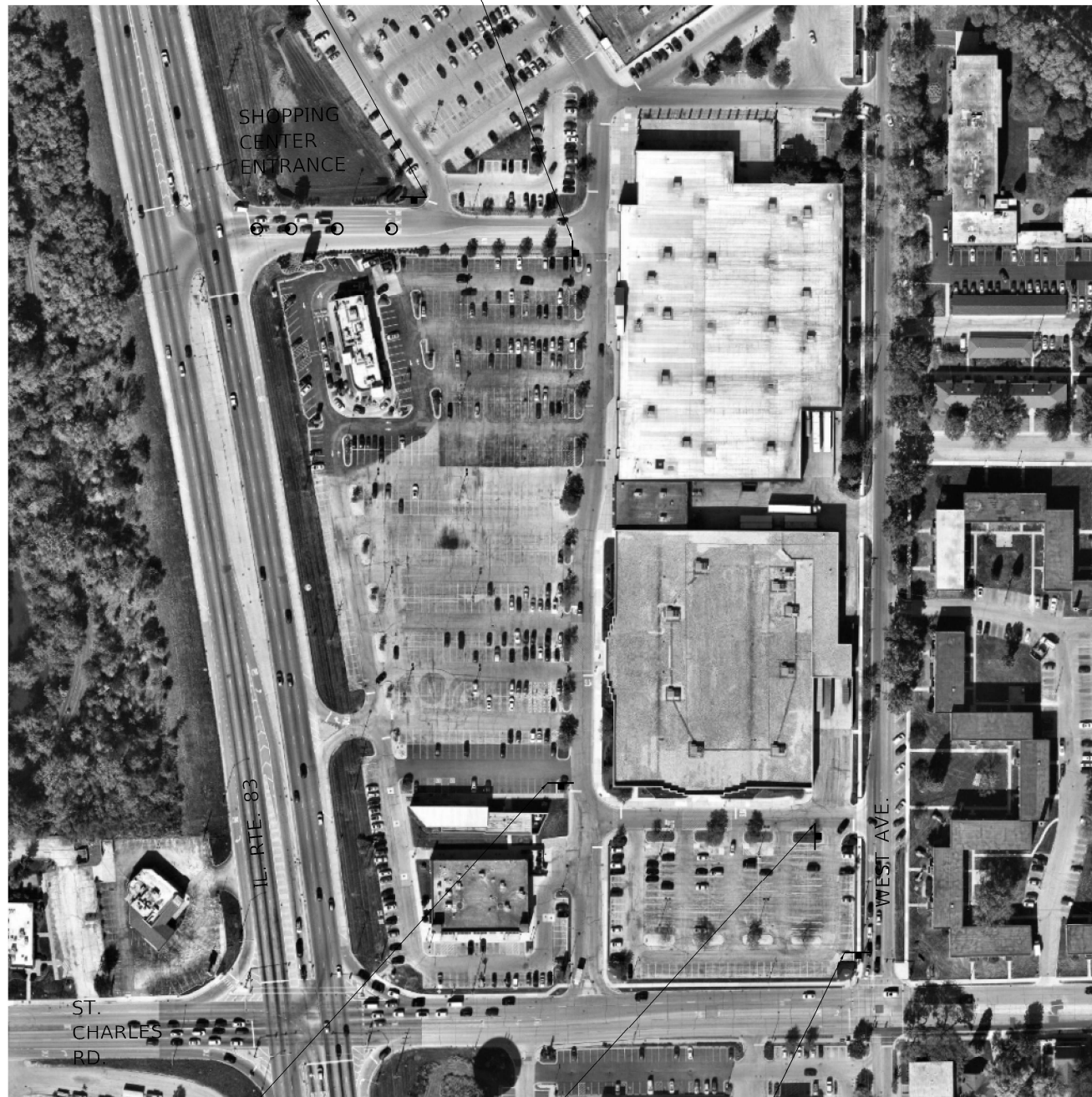
**ILLINOIS 83 AT SALT CREEK  
 MAINTENANCE OF TRAFFIC STAGE 3**

SCALE: 1" = 50' SHEET 15 OF 16 SHEETS STA. 84+00.00 TO STA. 114+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	28
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	

TO M4-5-2412  
EAST M3-2-2412  
ST. CHARLES ROAD M1-1100  
← M6-1(L)-2418

TO M4-5-2412  
EAST M3-2-2412  
ST. CHARLES ROAD M1-1100  
→ M6-1(L)-2418



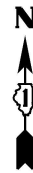
TO M4-5-2412  
EAST M3-2-2412  
ST. CHARLES ROAD M1-1100  
← M6-1(L)-2418

TO M4-5-2412  
EAST M3-2-2412  
ST. CHARLES ROAD M1-1100  
→ M6-1(L)-2418

TO M4-5-2412  
EAST M3-2-2412  
ST. CHARLES ROAD M1-1100  
← M6-1(L)-2418

MAINTENANCE OF TRAFFIC - SHOPPING CENTER TO HEAD EASTBOUND ON ST. CHARLES ROAD

NOT TO SCALE



W12-1102(0)-48  
M6-1(R)-2418

MAX WIDTH  
10'-6"  
2 MILES AHEAD  
ILLINOIS 83  
W12-1103-48  
M1-1100



←10'-6"→ W12-1102(0)-48  
← M6-1(L)-2418

WIDTH RESTRICTION SIGNING FOR SB IL 83-STAGE II

NOT TO SCALE



MODEL: Default  
FILE NAME: \\lochner\hwa\CHP\000018180003\_CADD\01\_Signs\CHP18180-SALT\_CREEK-SHT-HW-L-NOT\_AERIAL\_LAYOUT.dwg

**LOCHNER**  
H. W. LOCHNER, INC.  
225 WEST WASHINGTON STREET  
12 TH FLOOR  
CHICAGO, ILLINOIS 60606

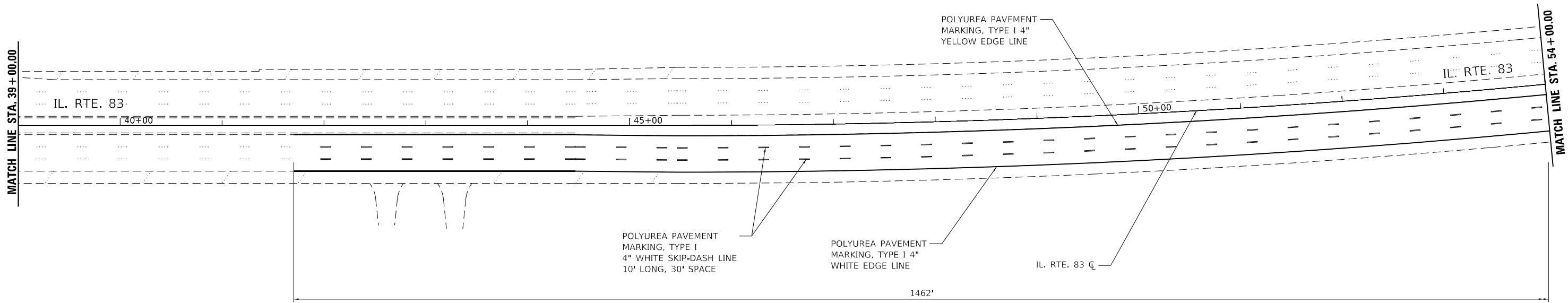
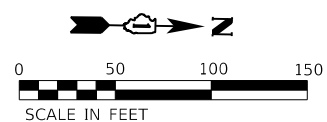
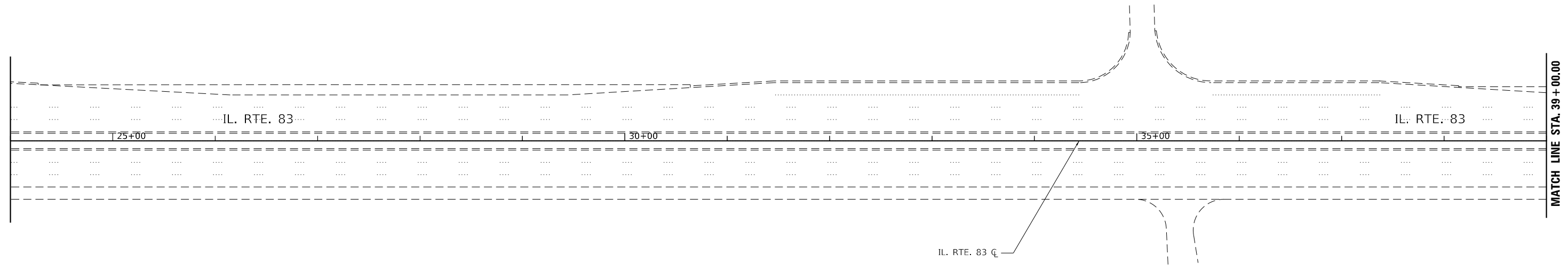
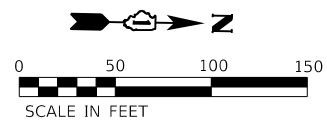
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PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS 83 AT SALT CREEK  
MAINTENANCE OF TRAFFIC

SCALE: NTS SHEET 16 OF 16 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	29
CONTRACT NO. 62M36				
ILLINOIS FED. AID PROJECT				



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**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

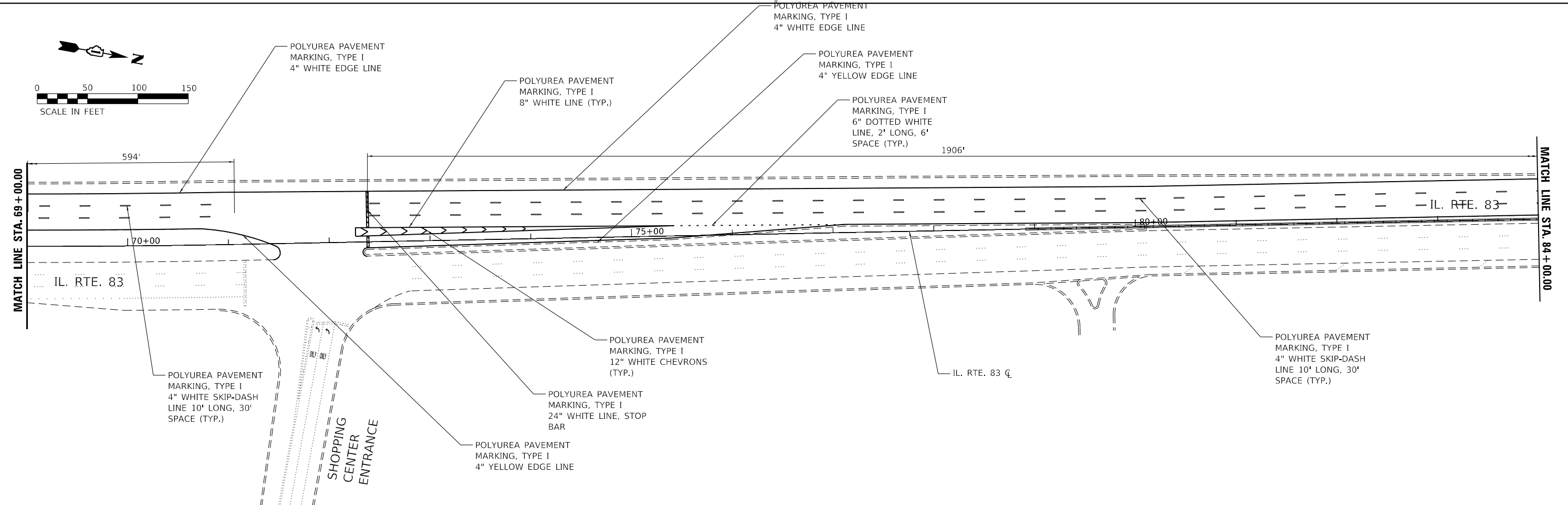
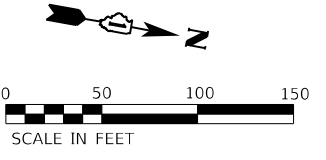
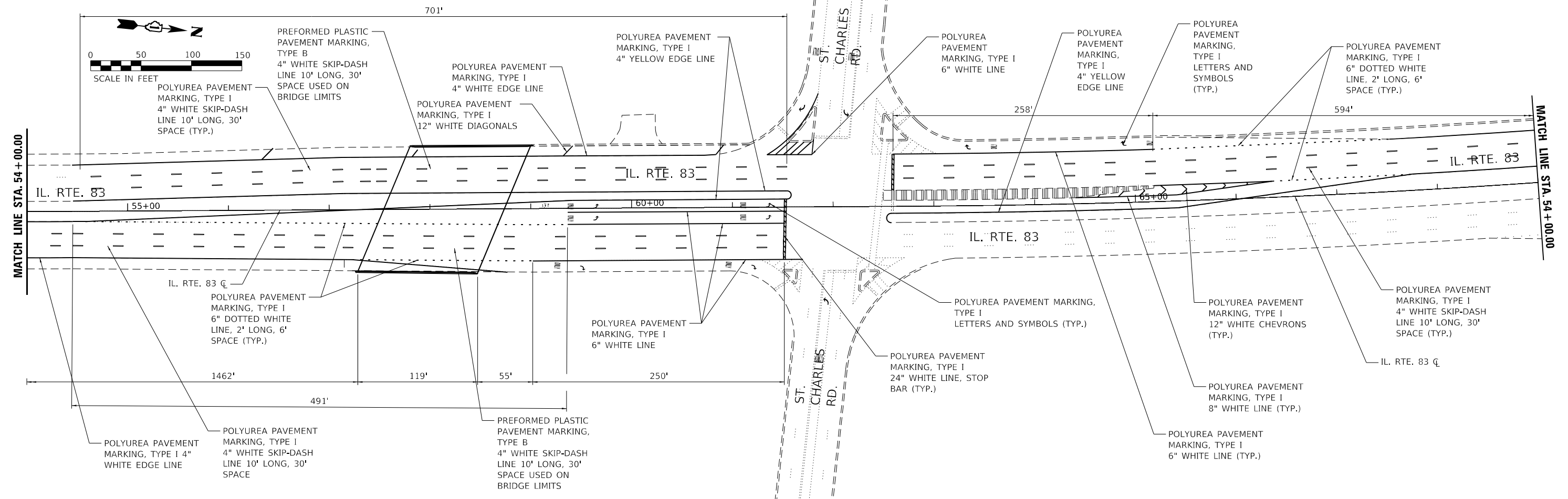
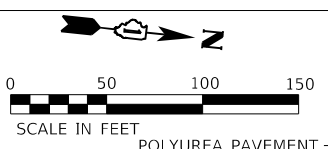
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PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
	DATE - 12/07/2020	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS 83 AT SALT CREEK  
 PAVEMENT MARKING PLAN

SCALE: 1" = 50'    SHEET 1 OF 3 SHEETS    STA. 24+00.00 TO STA. 54+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	30
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



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**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

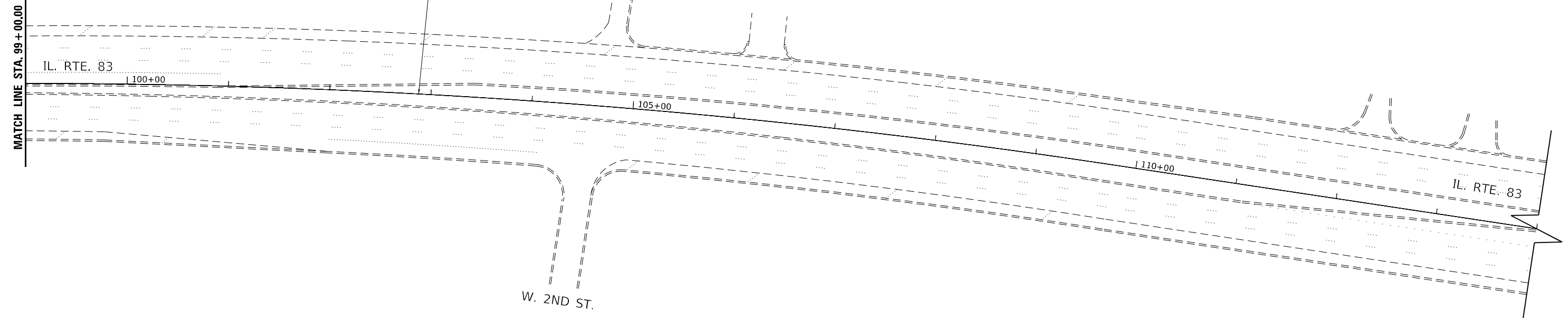
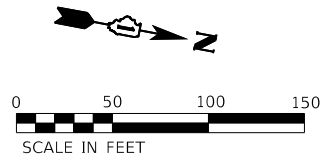
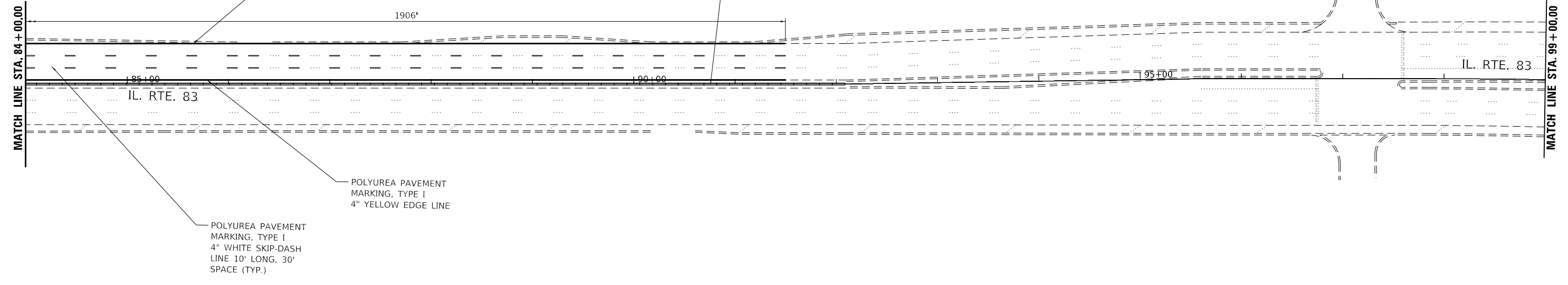
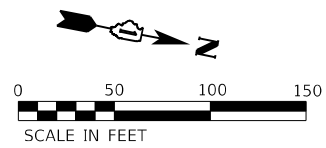
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PLOT DATE = 12/07/2020	DATE - 12/07/2020	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS 83 AT SALT CREEK  
 PAVEMENT MARKING PLAN**

SCALE: 1" = 50'    SHEET 2    OF 3    SHEETS    STA. 54+00.00    TO STA. 84+00.00

F.A.P. RTE. 344	SECTION 2020-181-BR	COUNTY DUPAGE	TOTAL SHEETS 40	SHEET NO. 31
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	



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**LOCHNER**  
 H. W. LOCHNER, INC.  
 225 WEST WASHINGTON STREET  
 12 TH FLOOR  
 CHICAGO, ILLINOIS 60606

USER NAME = JSCHRAMM	DESIGNED - JRS	REVISED -
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PLOT DATE = 12/07/2020	CHECKED - DMB	REVISED -
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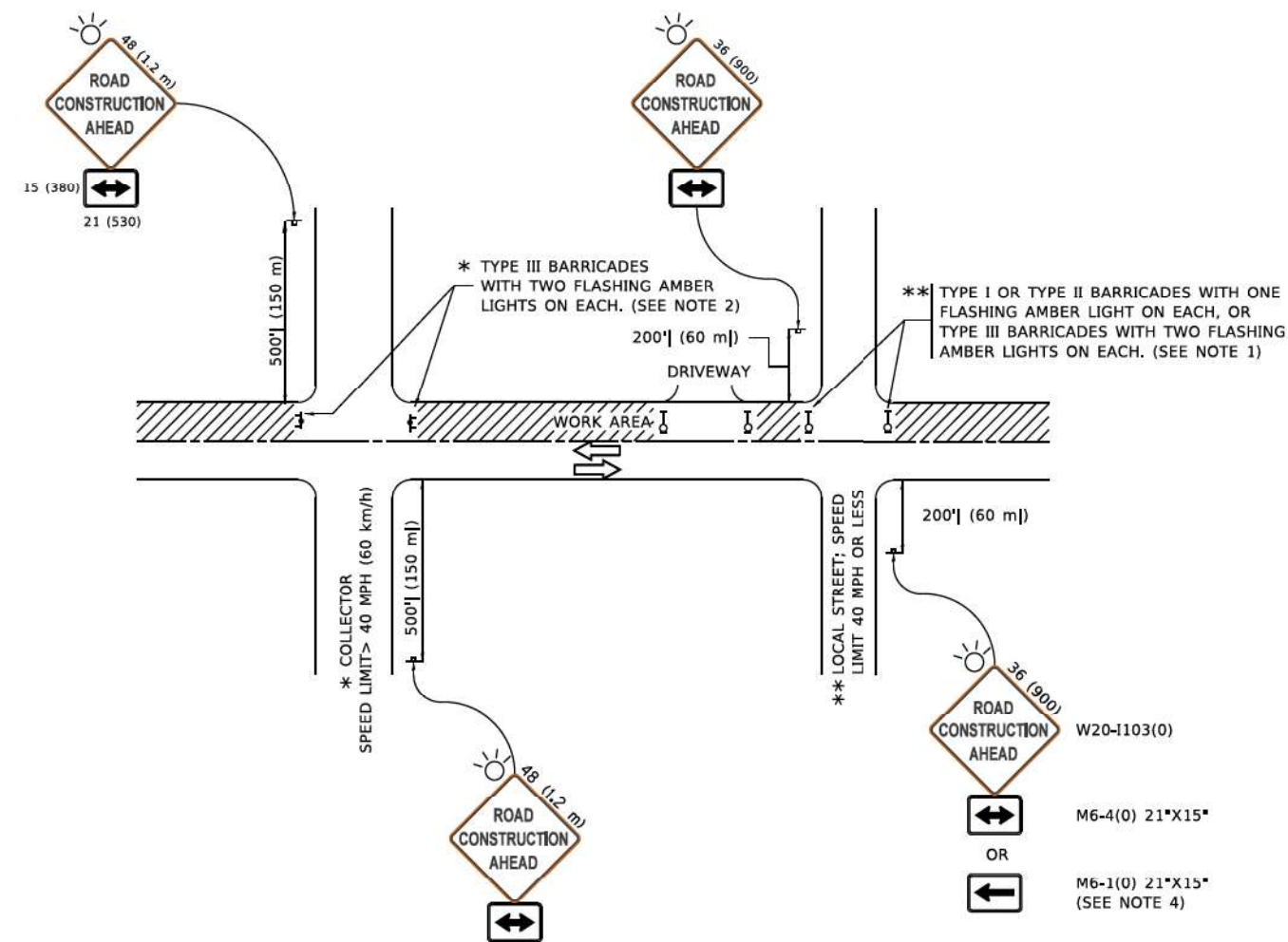
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ILLINOIS 83 AT SALT CREEK  
 PAVEMENT MARKING PLAN

SCALE: 1" = 50'    SHEET 3 OF 3 SHEETS    STA. 84+00.00 TO STA. 114+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	32
CONTRACT NO. 62M36			ILLINOIS FED. AID PROJECT	





**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS, CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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 PROJECT: ...

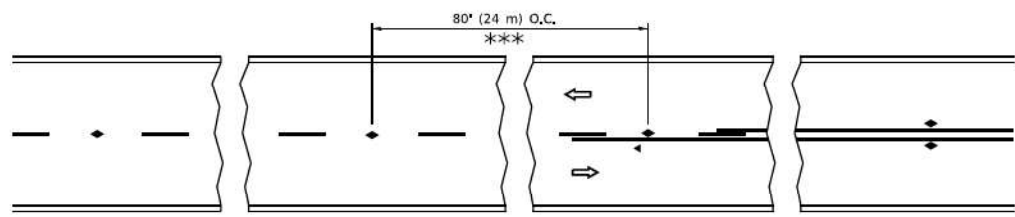
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footern	L.H.A.	A. HOUSEH 10-15-96
	DRAWN	REVISED
		T. RAMMACHER 01-06-00
PLOT SCALE	CHECKED	REVISED
1/4" = 50'-0"		A. SCHUETZE 07-01-13
PLOT DATE	DATE	REVISED
3/4/2019	06-89	A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

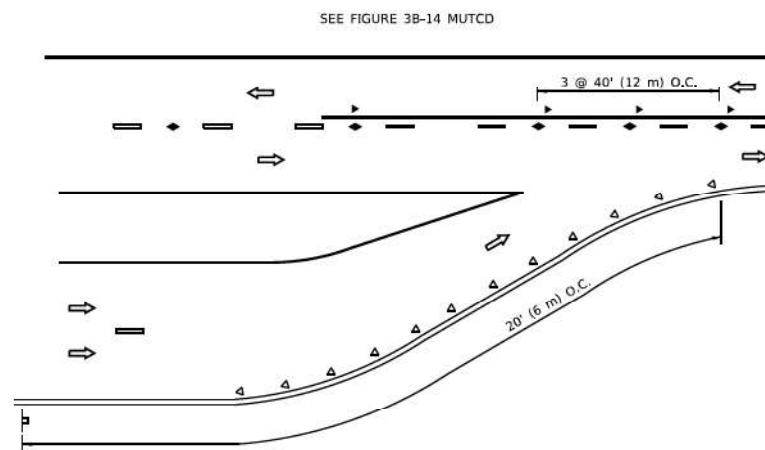
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	33
<b>TC-10</b>			CONTRACT NO. 62M36	
ILLINOIS   FED. AID PROJECT				

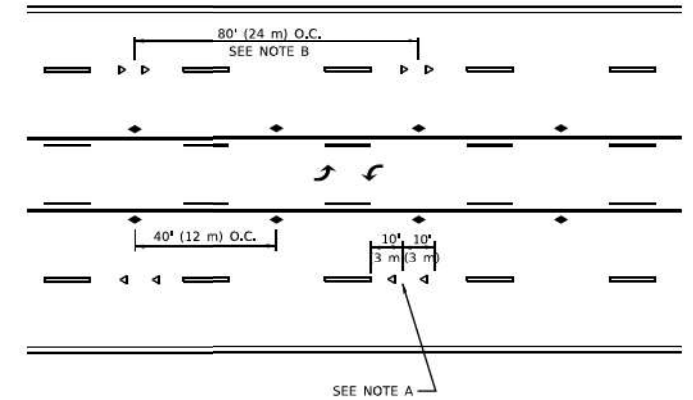


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

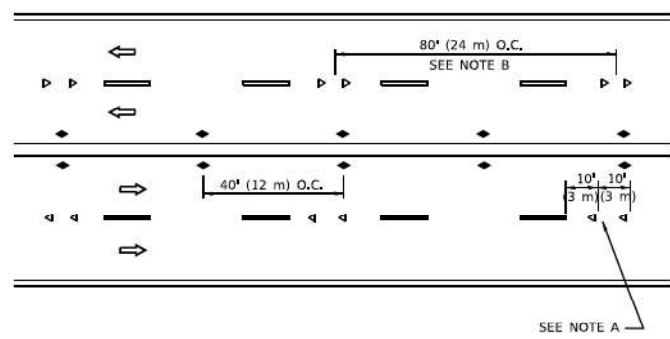
**TWO-LANE/TWO-WAY**



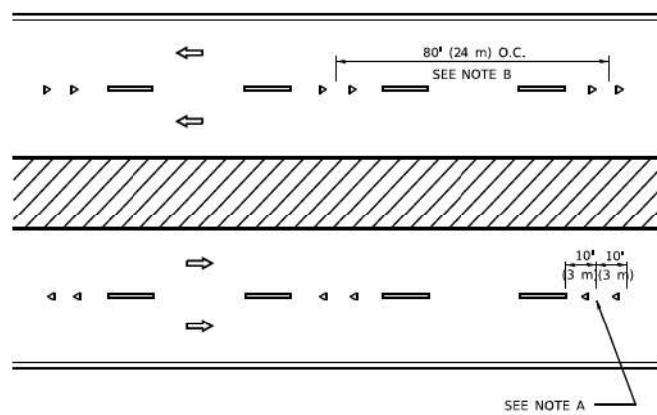
**LANE REDUCTION TRANSITION**



**TWO-WAY LEFT TURN**



**MULTI-LANE/UNDIVIDED**



**MULTI-LANE/DIVIDED**

**GENERAL NOTES**

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

**SYMBOLS**

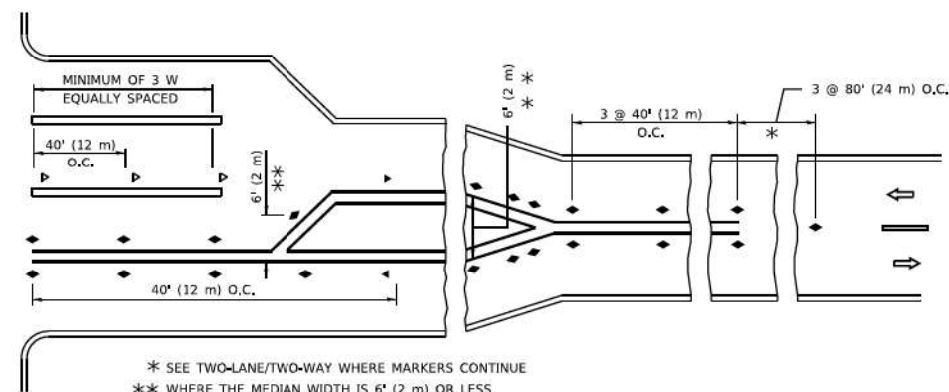
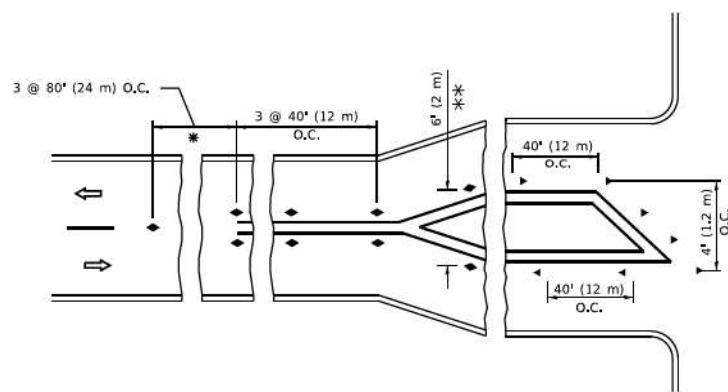
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

**LANE MARKER NOTES**

- USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

**DESIGN NOTES**

- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



**TURN LANES**

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

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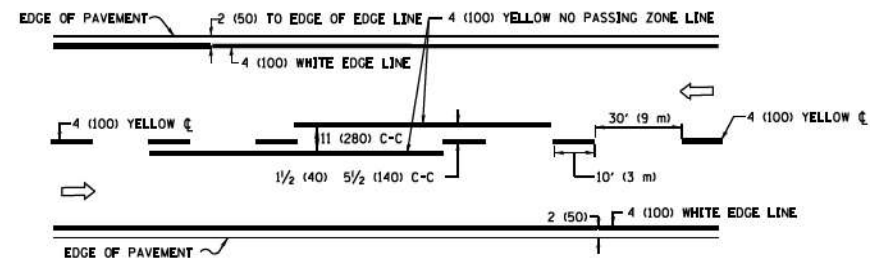
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PLOT DATE	= 3/4/2019	DATE	-	REVISED	- C. JUCIUS 07-01-13

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

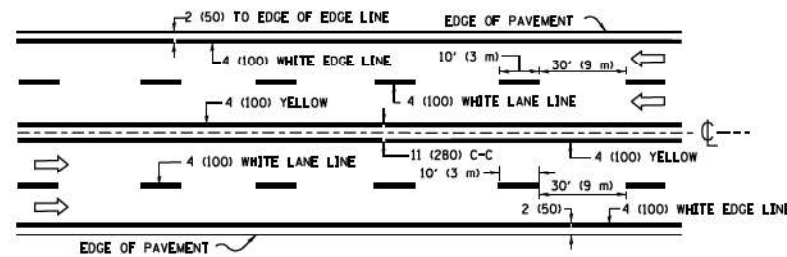
**TYPICAL APPLICATIONS  
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

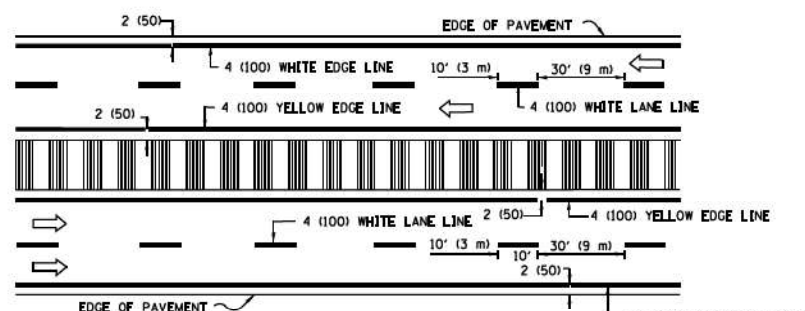
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	34
TC-11			CONTRACT NO. 62M36	
ILLINOIS   FED. AID PROJECT				



**2-LANE ROADWAY**

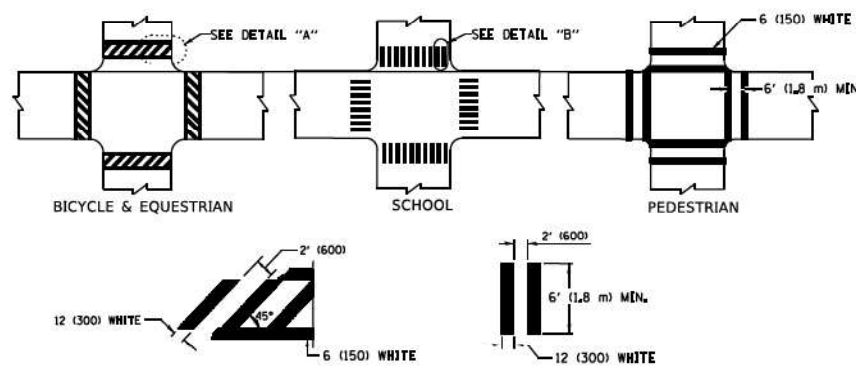


**MULTI-LANE UNDIVIDED**



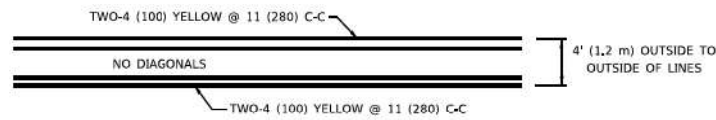
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

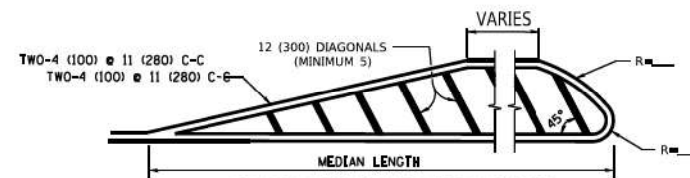


**TYPICAL CROSSWALK MARKING**

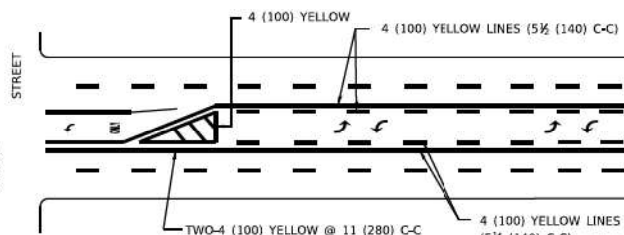
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



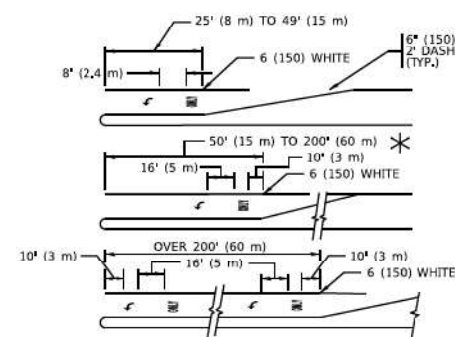
**4' (1.2 m) WIDE MEDIANS ONLY**



**MEDIANS OVER 4' (1.2 m) WIDE**



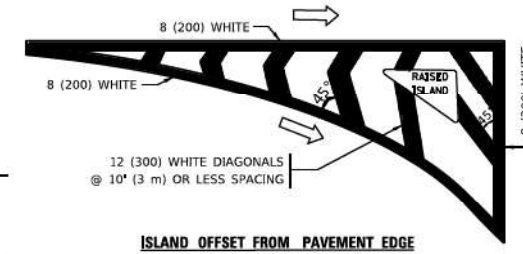
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



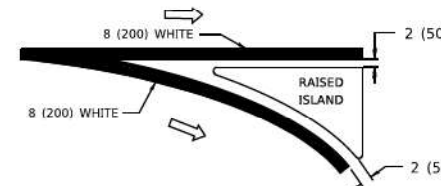
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - \*ONLY\* INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - \*ONLY\*.

**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

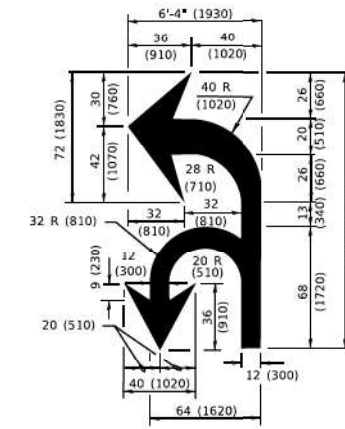


**ISLAND OFFSET FROM PAVEMENT EDGE**

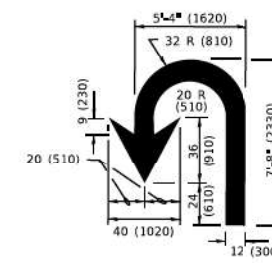


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW/ YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2,4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: *R* 15' (4.5 m) *L* 15' (4.5 m) LETTERS: 16 (400) LINE FOR *X*	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH *L*=5.4 SQ. FT. (0.5 m <sup>2</sup> ) EACH *X*=54.0 SQ. FT. (5.0 m <sup>2</sup> ) EACH
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

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USER NAME	DESIGNED	REVISION
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		C. JUCIUS 07-01-13
		C. JUCIUS 12-21-15
		C. JUCIUS 04-12-16

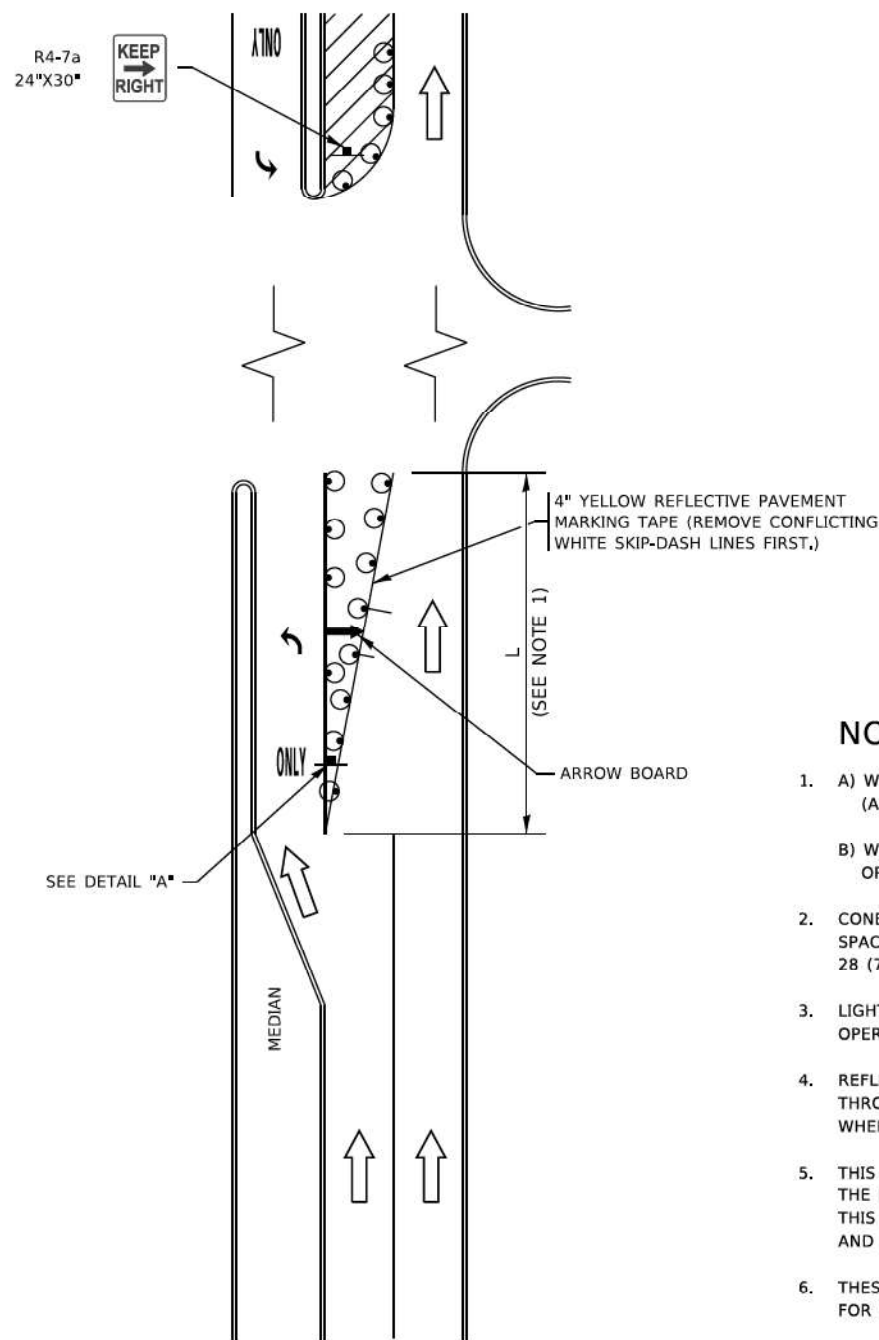
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
 TYPICAL PAVEMENT MARKINGS**

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

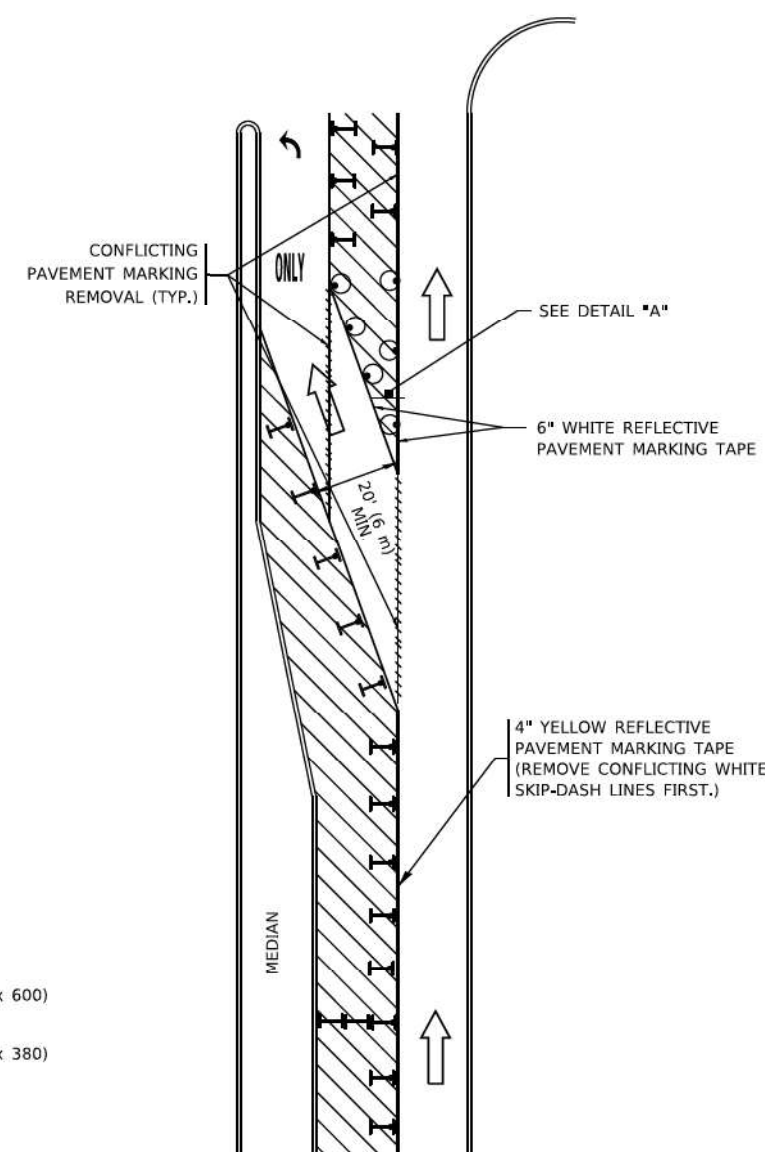
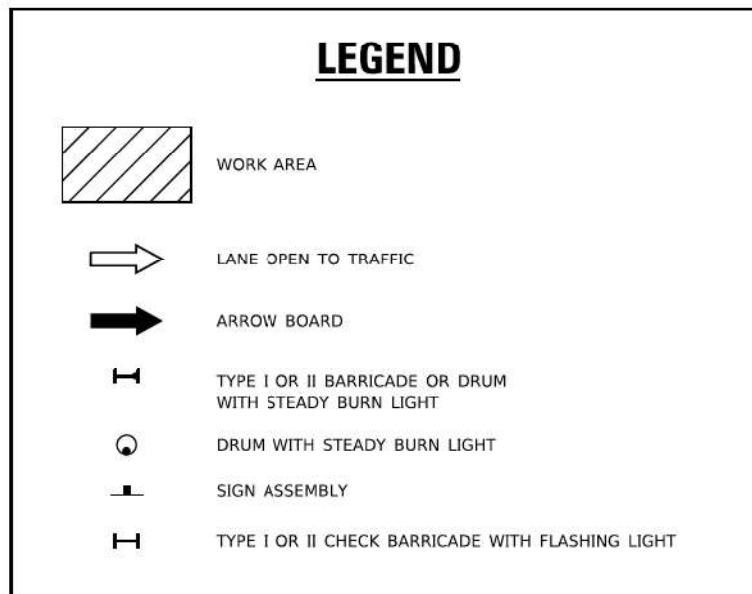
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	35
<b>TC-13</b>		CONTRACT NO. 62M36		
ILLINOIS FED. AID PROJECT				

## TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

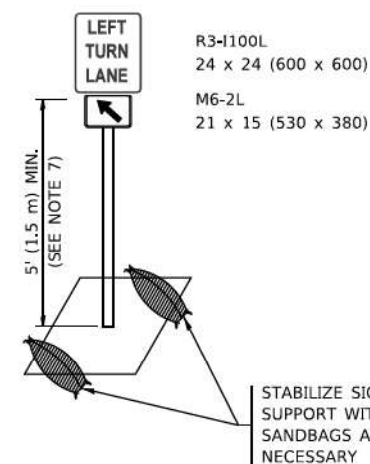
## TURN BAY ENTRANCE WITHIN A LANE CLOSURE



**FIGURE 2**

**NOTES:**

1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
 B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



**DETAIL A**

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

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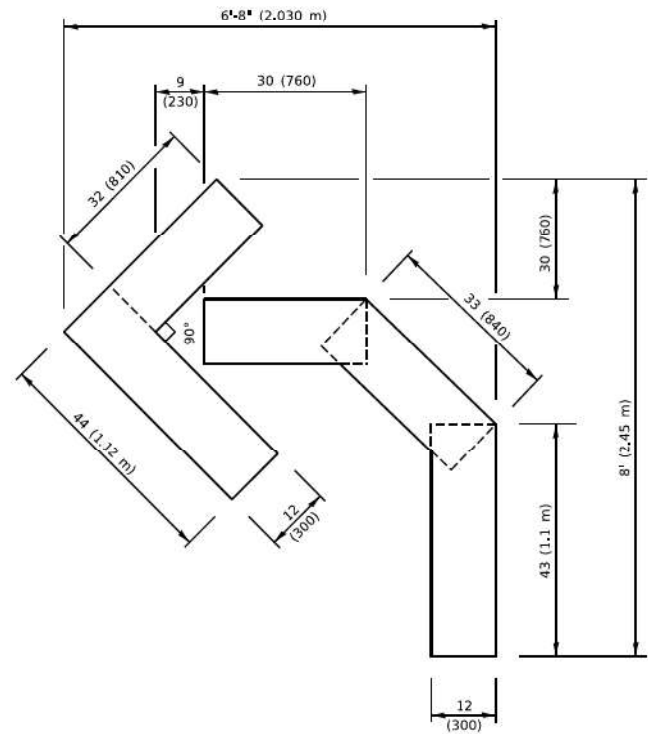
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
	DATE - T. RAMMACHER 01-06-00	REVISED -
PLOT SCALE = 50,0000 / 1"		
PLOT DATE = 3/4/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS  
(TO REMAIN OPEN TO TRAFFIC)**

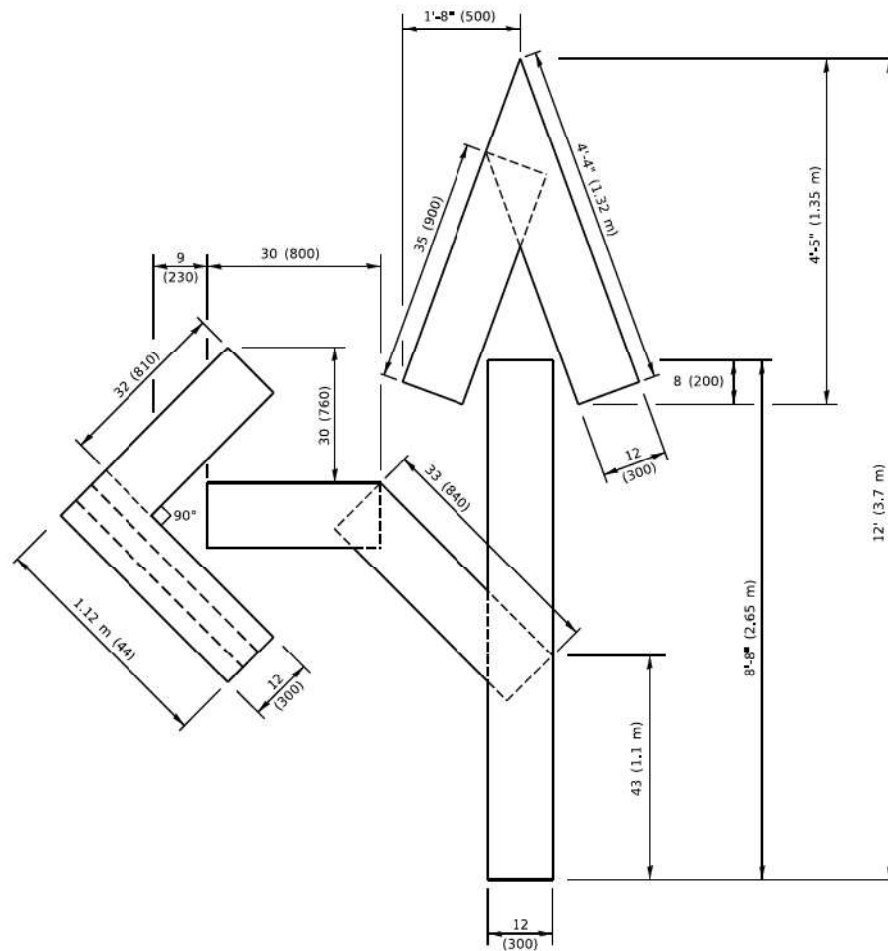
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	36
TC-14			CONTRACT NO. 62M36	
ILLINOIS   FED. AID PROJECT				



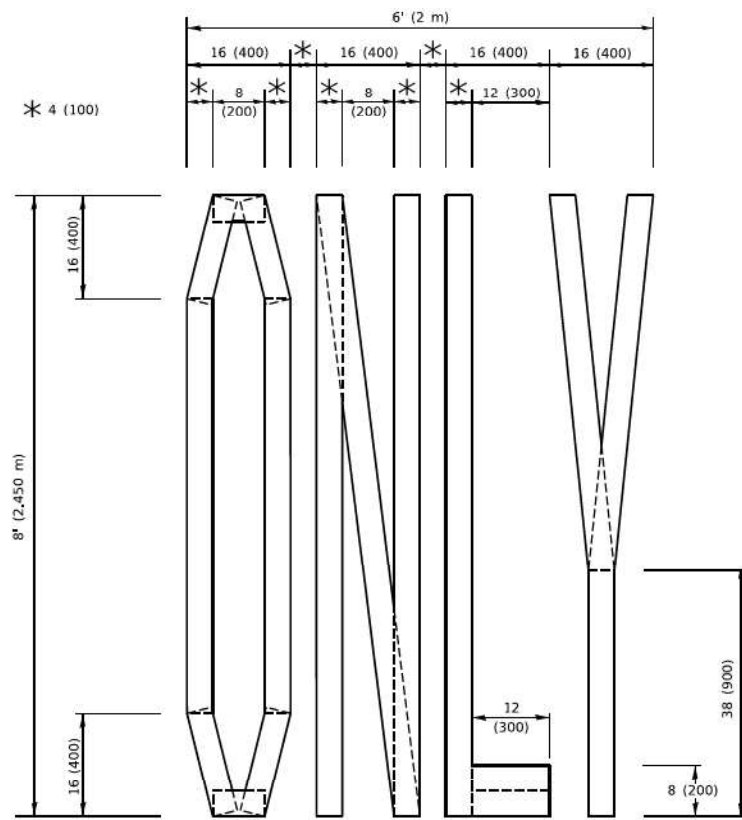
**QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)  
15.2 sq. ft. (1.41 sq. m)



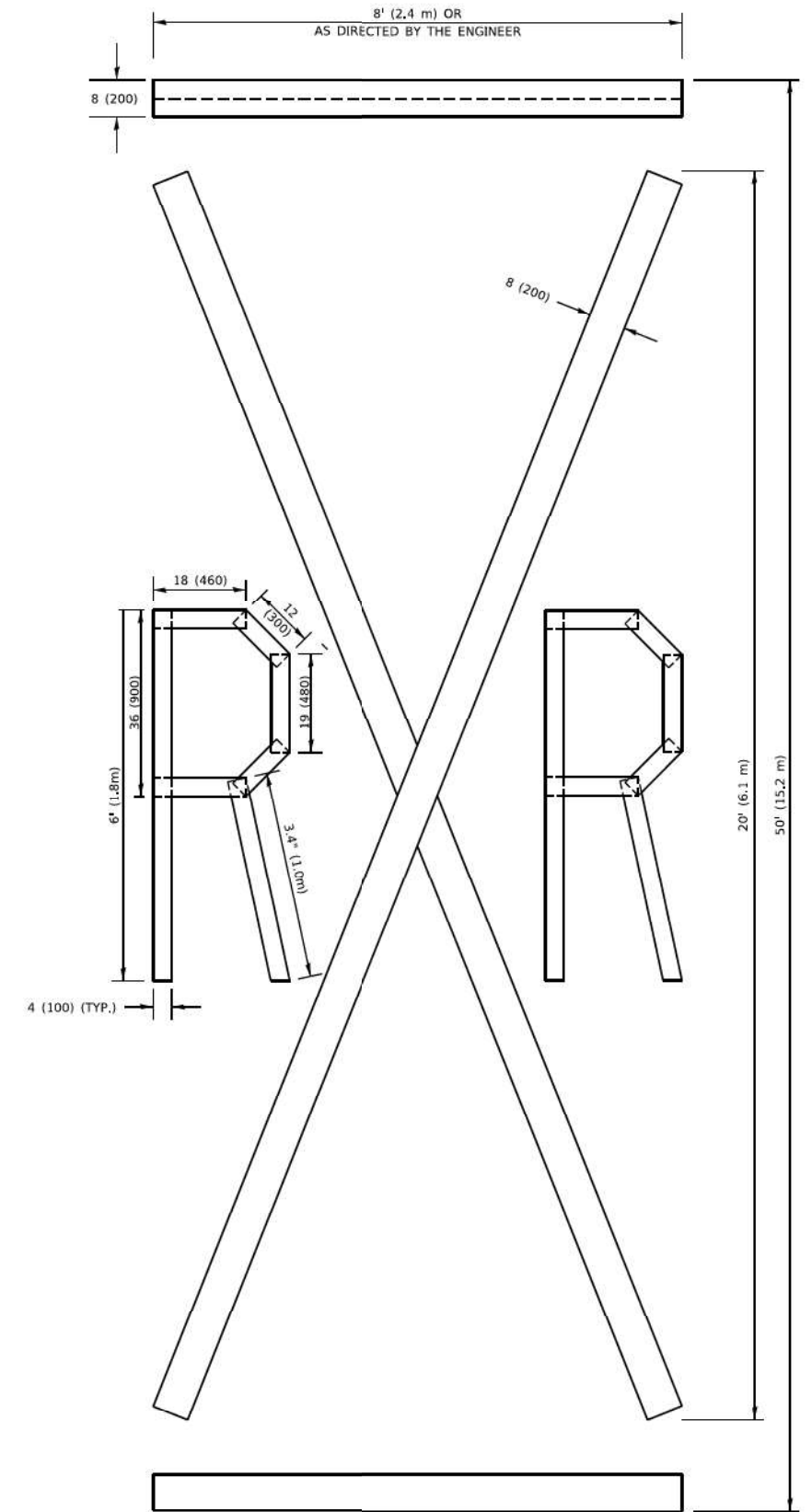
**QUANTITY**

4 (100) LINE = 82.5 ft. (25.1 m)  
27.5 sq. ft. (2.53 sq. m)



**QUANTITY**

4 (100) LINE = 64.1 ft. (19.5 m)  
21.4 sq. ft. (1.99 sq. m)



**QUANTITY**

4 (100) LINE = 225.9 ft. (68.9 m)  
75.3 sq. ft. (6.99 sq. m)

**NOTE:**

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.

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

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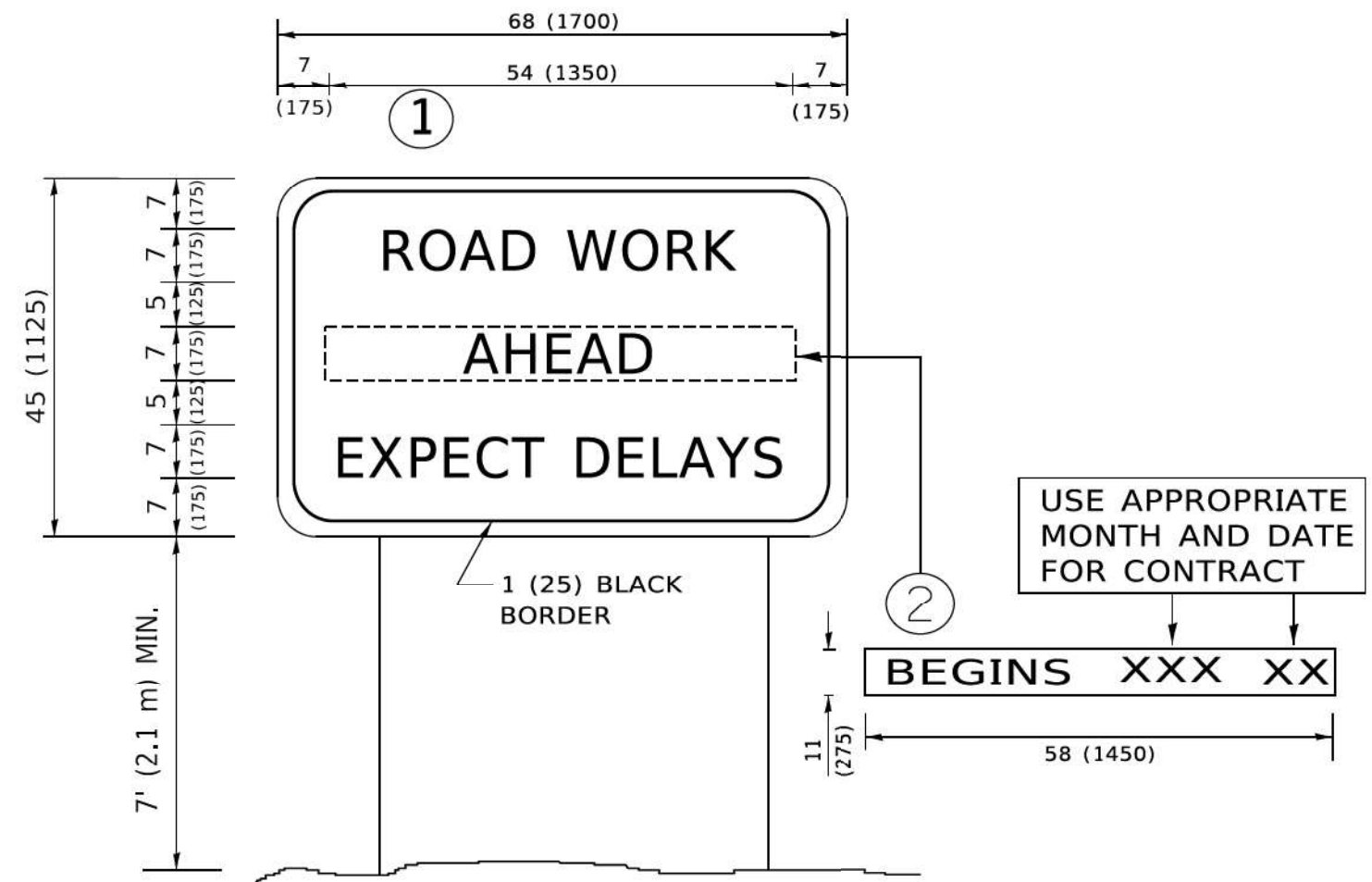
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PLOT DATE = 3/4/2019	DATE = 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	37
<b>TC-16</b>		CONTRACT NO. 62M36		
ILLINOIS FED. AID PROJECT				



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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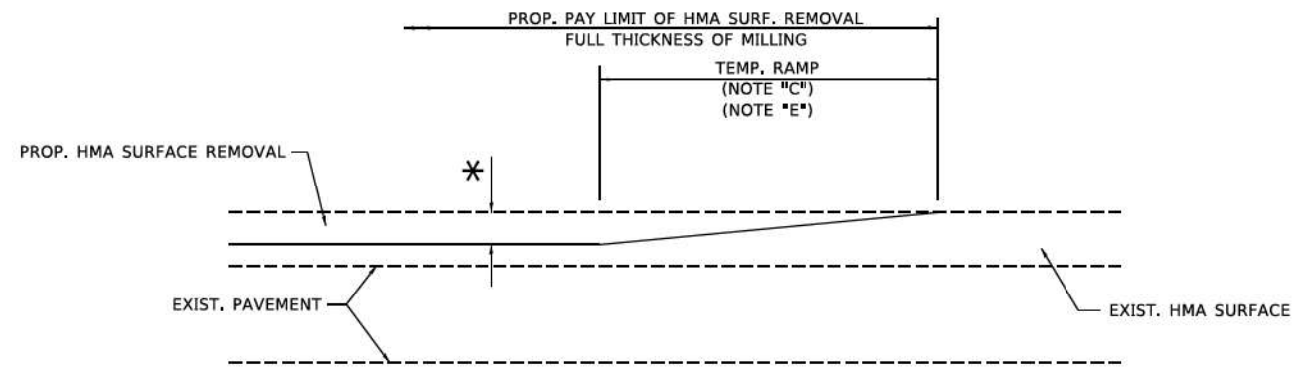
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	T. RAMMACHER 02-02-99	
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		C. JUCIUS 01-31-07
PLOT DATE = 3/4/2019		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

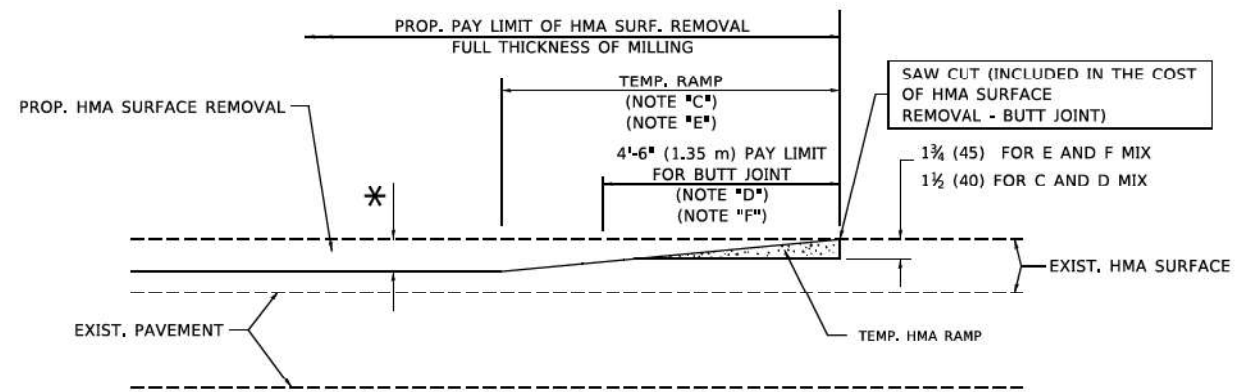
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	38
TC-22			CONTRACT NO. 62M36	
ILLINOIS FED. AID PROJECT				



**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

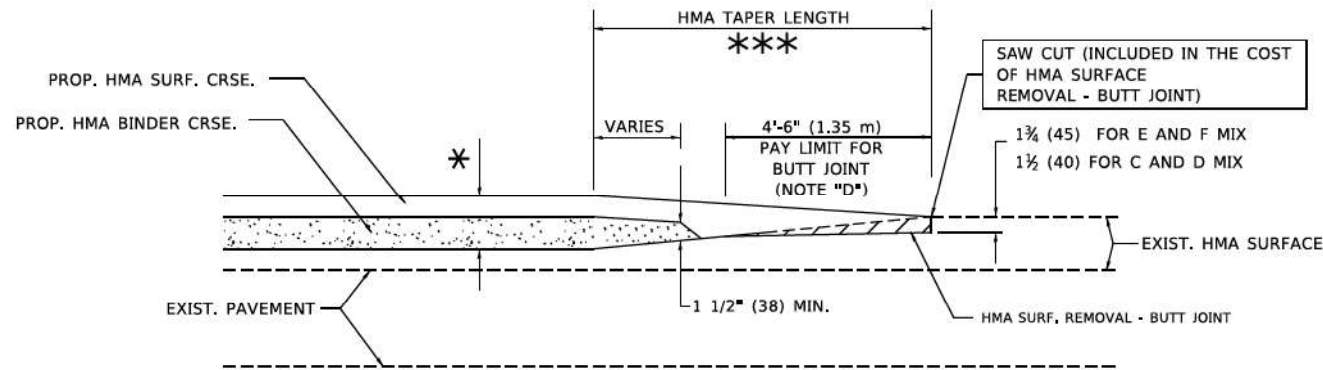
**OPTION 1**



**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

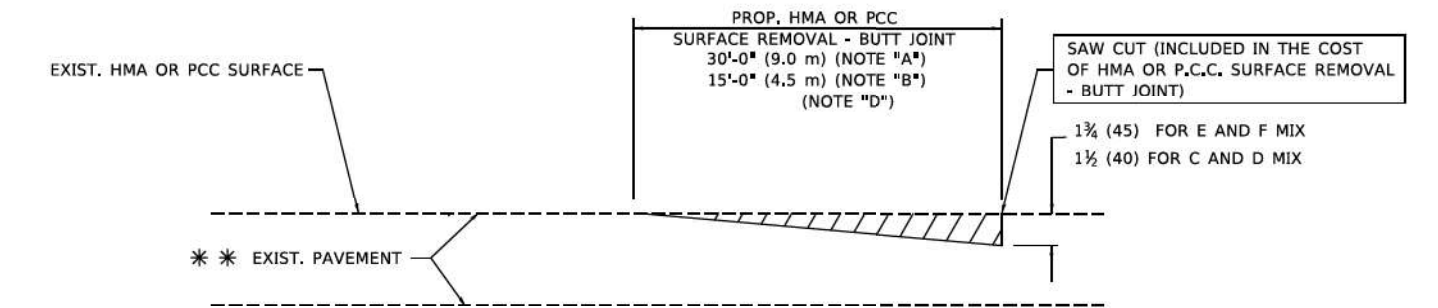
**OPTION 2**

**TYPICAL TEMPORARY RAMP**

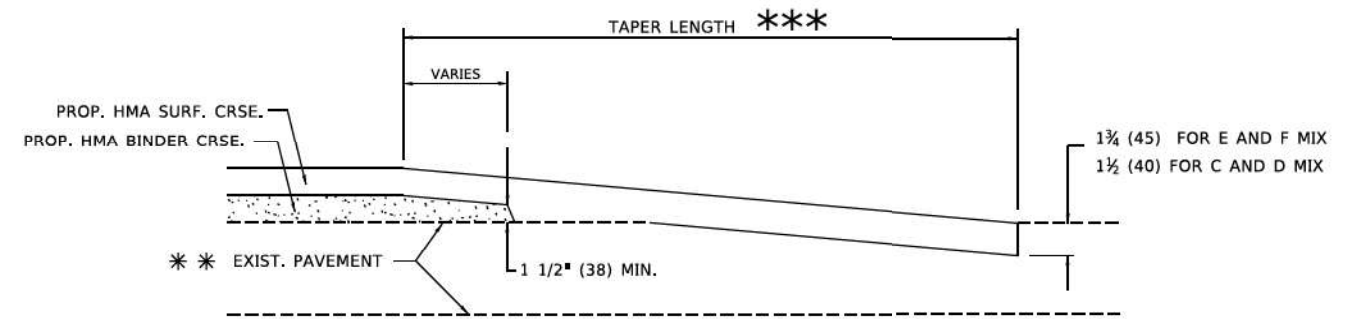


**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR \*HMA AND/OR PCC SURFACE REMOVAL. BUTT JOINT\*.  
\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE \*A\*)  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE \*B\*)

**BASIS OF PAYMENT**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR \*HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT\* OR FOR \*PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT\*.

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

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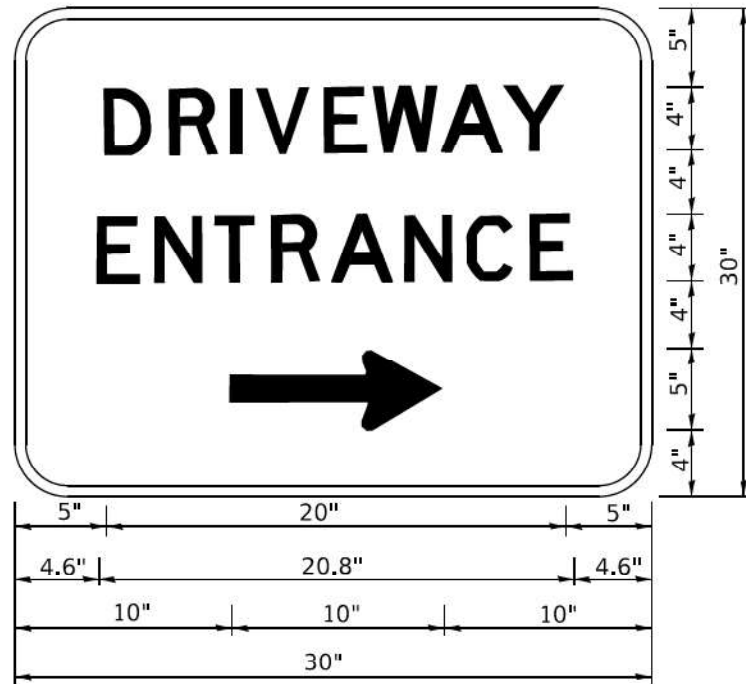
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PLOT DATE = 3/27/2019	DATE - 06-13-90	REVISED - R.BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND HMA TAPER DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	39
BD400-05 BD32			CONTRACT NO. 62M36	
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3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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 DATE: ...

USER NAME	DESIGNED -	REVISED -
footernj	-	C. JUCIUS 02-15-07
	DRAWN -	REVISED -
	-	-
PLOT SCALE	CHECKED -	REVISED -
50,0000 1 / 16"	-	-
PLOT DATE	DATE -	REVISED -
3/4/2019	-	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY ENTRANCE SIGNING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-181-BR	DUPAGE	40	40
<b>TC-26</b>			CONTRACT NO. 62M36	
ILLINOIS FED. AID PROJECT				