II–06–2026 LETTING ITEM 014

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2915	(066-1414.4-CF) BJR, BDR 25	COOK	36	1
	ILLINOIS	CONTRACT NO. 80C69		

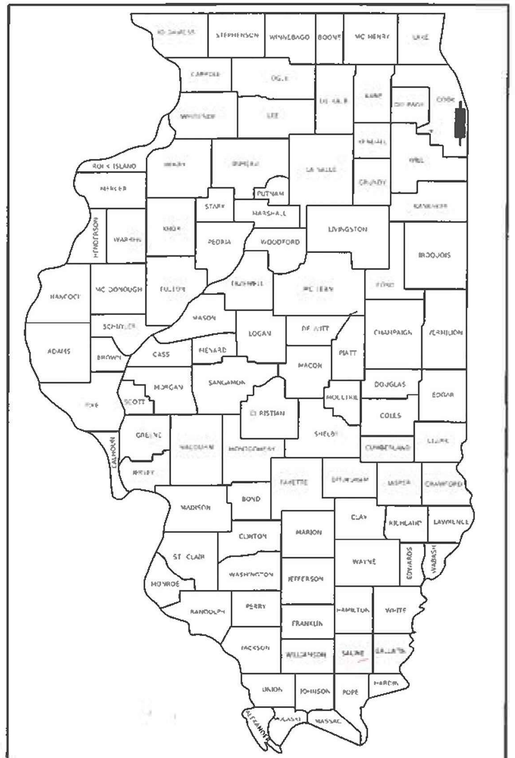
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAI ROUTE 94 (I–94)
SECTION: (066–1414.4–CF) BJR, BDR 25
PROJECT: NHPP–Q5EJ(287)
BRIDGE DECK OVERLAY, BRIDGE JOINT REPLACEMENTS AND REPAIRS
COOK COUNTY

C–91–171–26

D-91-145-26



FOR INDEX OF SHEETS AND HIGHWAY STANDARDS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE CITY OF CHICAGO

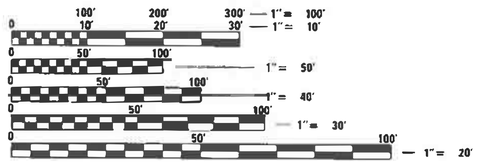
TRAFFIC DATA

MARTIN LUTHER KING DR
2022 ADT = 8,150 VPD
POSTED SPEED LIMIT = 30 MPH
FUNCTIONAL CLASS = MAJOR COLLECTOR

I–94 (BISHOP FORD EXPWY)
2025 ADT = 183,500 VPD
POSTED SPEED LIMIT = 55 MPH
FUNCTIONAL CLASS = INTERSTATE

LICENSED PROFESSIONAL ENGINEER
ALEXANDER CARL LANE
062-063261
OF ILLINOIS

ALEXANDER CARL LANE, P.E.
IL. LIC. NO. 062-063261
EXP: 11/30/2027
DATE: 08/31/2026



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 EXCAVATION
1–800–892–0123
OR 811

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

CONTRACT NO. 80C69

PROJECT LOCATION
KING DR OVER I–94
STRUCTURE NO. 016–2120



CHICAGO CITY TOWNSHIP
GROSS LENGTH = 250.5 FT. = 0.05 MILE
NET LENGTH = 250.5 FT. = 0.05 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 12, 20 26
Jane Rea
REGIONAL ENGINEER

October 2, 20 26
ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 20 26
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

INFRASTRUCTURE ENGINEERING | INCORPORATED
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CONTACT: ALEXANDER LANE (312) 477–0620

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INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-10	TRAFFIC CONTROL PLANS
11-12	ROADWAY AND PAVEMENT MARKING PLANS
13-14	TEMPORARY TRAFFIC SIGNAL PLANS
15-23	STRUCTURAL DRAWINGS - S.N. 016-2120
24-27	UNDERPASS LIGHTING DETAILS
28	BD-32: BUTT JOINT AND HMA TAPER DETAILS
29	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
30	TC-12: MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
31	TC-16: SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
32	TC-22: ARTERIAL ROAD INFORMATION SIGN
33-35	TC-24: CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
36	TC-26: DRIVEWAY ENTRANCE SIGNING

STATE STANDARDS

STANDARD NO.	DRAWING NAME
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS ≥ 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

HMA TABLE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
BUTT JOINT & APPROACH OVERLAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QAQC): QUALITY CONTROL FOR PERFORMANCE (QCP): PAY FOR PERFORMANCE (PFP)		

MIXTURE REQUIREMENT NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. 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 RECLAIMED MATERIALS SPECIFICATIONS.

GENERAL NOTES

1. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES.
2. MEADE ELECTRIC COMPANY, THE IDOT DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR, LOCATES IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES. CALL 773-287-7672 FOR THE INITIAL LOCATE. REQUEST FOR LOCATES OF PREVIOUSLY MARKED FACILITIES MAY BE AT THE CONTRACTOR'S EXPENSE.
3. IN ADDITION TO FIELD REVIEW AND AERIAL DATA, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID PRICE FOR THE WORK.
4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION AND ORDERING MATERIALS.
6. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.
7. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION 11.G.1. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
8. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
9. THE CONTRACTOR SHALL CONTACT CARLOS MUNOZ DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT CARLOS.MUNOZ@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK
10. THE RESIDENT ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
11. THE DEPARTMENT HAS DETERMINED THAT IN STREAM WORK IS NOT REQUIRED FOR THE WORK SPECIFIED IN THIS CONTRACT. THE DEPARTMENT HAS NOT OBTAINED A USACE PERMIT. IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING AN USACE PERMIT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER USACE PERMITS. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO SECURE AND COMPLY WITH A USACE PERMIT FOR CONTRACTOR'S ACTIVITIES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
12. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
13. SAW CUTTING PRIOR TO ANY REMOVAL ITEMS NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
14. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT SHALL BE EPOXY COATED UNLESS NOTED ON THE PLANS.
15. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS-RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN PLANS.
16. THE CENTERLINE IS FOR INFORMATION ONLY. IT WAS DEVELOPED FROM AERIALS AS A BEST FIT APPROXIMATION. ALLIGNMENT, TIES, AND BENCHMARKS ARE NOT AVAILABLE.
17. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE COURSE MIX.
18. CONTRACTOR MUST CONTACT CTA WITHIN A MINIMUM OF THREE WEEKS PRIOR TO ANY LANE OR STREET CLOSURES TO DISCUSS ANY IMPACTS TO BUS OPERATIONS, I.E. DETOURS, TEMPORARY BUS STOP RELOCATIONS, OR ELIMINATIONS. TWO OR MORE CONSECUTIVE BUS STOPS MAY NOT BE CLOSED AT THE SAME TIME. PLEASE CONTACT TRAFFIC.PLANNING@TRANSITCHICAGO.COM TO COORDINATE ANY BUS SERVICE ISSUES.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
MARTIN LUTHER KING DRIVE OVER I–94
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	2
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE 0005 ROADWAY 90% FEDERAL 10% STATE	CONSTRUCTION CODE 0005 BRIDGE 90% FEDERAL 10% STATE	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	260	260		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	320	320		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1	1		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	359	359		
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	54	54		
50157300	PROTECTIVE SHIELD	SQ YD	1,202		1,202	
50300300	PROTECTIVE COAT	SQ YD	1,976		1,976	
52000037	PREFORMED JOINT SEAL 3"	FOOT	162		162	
53016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	1.8		1.8	
53101002	BRIDGE DECK SCARIFICATION 3/4"	SQ YD	1,238		1,238	
53101410	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 3/4"	SQ YD	1,238		1,238	
53212754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	1,185		1,185	
67100100	MOBILIZATION	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	56	56		

	CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE 0005 ROADWAY 90% FEDERAL 10% STATE	CONSTRUCTION CODE 0005 BRIDGE 90% FEDERAL 10% STATE	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	112	112		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7,630	7,630		
	70307100	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TYPE IV TAPE	SQ FT	219	219		
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	21,399	21,399		
	70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	558	558		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	962.5	962.5		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	948	948		
	70600241	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4		
	70600341	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	4	4		
*	78004101	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - STANDARD - LETTERS AND SYMBOLS	SQ FT	62	62		
*	78004111	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - STANDARD - LINE 4"	FOOT	1,110	1,110		
*	78004131	PREFORMED PLASTIC PAVEMENT MARKING, TYPE C - STANDARD - LINE 6"	FOOT	119	119		
*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	133	133		
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	6,629	6,629		
*	78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	559	559		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
MARTIN LUTHER KING DRIVE OVER I-94
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	36	3
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

	CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE 0005 ROADWAY 90% FEDERAL 10% STATE	CONSTRUCTION CODE 0005 BRIDGE 90% FEDERAL 10% STATE	
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	437	437		
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,084	1,084		
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	137	137		
*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	116	116		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	50	50		
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1,194	1,194		
	X0326766	CLEAN & RESEAL RELIEF JOINT	FOOT	162		162	
	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	948		948	
*	X6350110	DELINEATORS (SPECIAL)	EACH	168	168		
	X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12		
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1		
	X7011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	L SUM	1	1		
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52	52		
	X8211002	PROTECT AND MAINTAIN EXISTING UNDERPASS LUMINAIRE	L SUM	1		1	

CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE 0005 ROADWAY 90% FEDERAL 10% STATE	CONSTRUCTION CODE 0005 BRIDGE 90% FEDERAL 10% STATE	
Z0001700	APPROACH SLAB REPAIR (FULL DEPTH)	SQ YD	18		18	
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	1,162		1,162	
Z0041895	POLYMER CONCRETE	CU FT	14.3		14.3	

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
MARTIN LUTHER KING DRIVE OVER I-94
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	36	4
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL MAINTENANCE OF TRAFFIC (MOT) LANE CLOSURES CAN BE COMPLETED WITH IDOT HIGHWAY STANDARDS. THE MOT PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE MOT PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
2. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE IDOT DISTRICT 1 ARTERIAL TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
3. THE CONTRACTOR SHALL CONTACT CARLOS MUNOZ DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT CARLOS.MUNOZ@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
4. CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL ROAD CLOSURE, TRAFFIC STAGE CHANGES TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGNS SHALL BE REMOVED TWO WEEKS THEREAFTER UNLESS THE SIGNS ARE NEEDED AGAIN FOR A SUBSEQUENT FUTURE EVENT THAT WILL OCCUR WITHIN 2 WEEKS ON THE SAME APPROACH OF THE EFFECTED ROADWAY. THE SIGN LOCATIONS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
5. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
6. CONTRACTOR MUST CONTACT CTA WITHIN A MINIMUM OF TWO (2) WEEKS PRIOR TO ANY LANE OR STREET CLOSURES TO DISCUSS ANY IMPACTS TO BUS OPERATIONS, I.E. DETOURS, TEMPORARY BUS STOP RELOCATIONS OR ELIMINATIONS. TWO OR MORE CONSECUTIVE BUS STOP MAY NOT BE CLOSED AT THE SAME TIME. PLEASE CONTACT TRAFFIC.PLANNING@TRANSITCHICAGO.COM TO COORDINATE ANY BUS SERVICE ISSUES.
7. TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 704 OF THE IDOT STANDARD SPECIFICATIONS. ALL TEMPORARY CONCRETE BARRIER APPROACH AND DEPARTING END UNITS SHALL BE ANCHORED TO THE PAVEMENT USING SIX ANCHOR PINS AS SHOWN IN IDOT STANDARD 704001. PINNING OF ADDITIONAL BARRIER UNITS WITH THREE ANCHOR PINS ON THE TRAFFIC SIDE HOLES WITHIN THE INSTALLATION SHALL BE REQUIRED WHEN EQUIPMENT, VEHICLES, MATERIALS, FIXED OBJECTS, OR A DROP-OFF IS LOCATED WITHIN 24" BEHIND THE BARRIER. THE 24" OF CLEAR PAVEMENT MEASUREMENT SHALL BE FROM THE BASE OF THE NON-TRAFFIC SIDE OF THE BARRIER. TRAFFIC SIDE PINNED BARRIER SHALL HAVE A MINIMUM OF 6" OF CLEAR PAVEMENT BEHIND THE BARRIER. WHERE BOTH PINNED AND UNPINNED BARRIER UNITS ARE USED IN A CONTINUOUS INSTALLATION, A TRANSITION SHALL BE PROVIDED BETWEEN THEM. THE TRANSITION FROM PINNED TO UNPINNED BARRIER SHALL CONSIST OF TWO ANCHOR PINS INSTALLED IN THE END HOLES ON THE TRAFFIC SIDE OF THE FIRST BARRIER BEYOND THE PINNED SECTION AND ONE ANCHOR PIN INSTALLED IN THE MIDDLE HOLE OF THE TRAFFIC SIDE OF THE SECOND BARRIER BEYOND THE PINNED SECTION. THE THIRD BARRIER BEYOND THE PINNED SECTION SHALL THEN BE UNPINNED.
8. ALL EXISTING LANE LINE PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS LOCATED WITHIN TEMPORARY LANE CLOSURE TAPERS, LANE SHIFT TAPERS OR IN LOCATIONS THAT CONFLICT WITH THE TEMPORARY PAVEMENT MARKING TAPE USED FOR STAGING SHALL BE REMOVED VIA WATER BLASTING WITH VACUUM RECOVERY IF THE STAGING WILL REMAIN IN PLACE FOR MORE THAN 14 DAYS. THE EXISTING PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKER REFLECTORS THAT WERE REMOVED SHALL BE RESTORED IN KIND AFTER THE COMPLETION OF THE STAGING.

KING DRIVE CONSTRUCTION STAGING

MAINTENANCE OF TRAFFIC - STAGE 1

CONSTRUCTION:

1. COMPLETE BRIDGE DECK AND JOINT REPAIRS AND OVERLAY ON THE WEST SIDE (SOUTHBOUND LANES) OF THE BRIDGE.
2. COMPLETE BUTT JOINT ON THE APPROACH PAVEMENT ON THE WEST SIDE (SOUTHBOUND LANES) OF THE BRIDGE.

MAINTENANCE OF TRAFFIC:

1. CLOSE THE SOUTHBOUND LANES TO TRAFFIC AND SHIFT TRAFFIC TO THE NORTHBOUND LANES. 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED.
2. BICYCLE TRAFFIC WILL BE MAINTAINED ON THE EAST SIDE.
3. PEDESTRIAN ACCESS WILL REMAIN ON EAST SIDE.

MAINTENANCE OF TRAFFIC - STAGE 2

CONSTRUCTION:

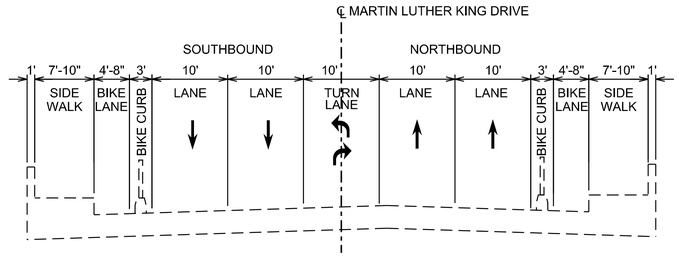
1. COMPLETE BRIDGE DECK AND JOINT REPAIRS AND OVERLAY ON THE EAST SIDE (NORTHBOUND LANES) OF THE BRIDGE.
2. COMPLETE BUTT JOINT ON THE APPROACH PAVEMENT ON THE EAST SIDE (NORTHBOUND LANES) OF THE BRIDGE.

MAINTENANCE OF TRAFFIC:

1. CLOSE THE NORTHBOUND LANES TO TRAFFIC AND SHIFT TRAFFIC TO THE SOUTHBOUND LANES. 1 LANE OF TRAFFIC IN EACH DIRECTION SHALL BE MAINTAINED.
2. BICYCLE TRAFFIC WILL BE MAINTAINED ON THE WEST SIDE.
3. PEDESTRIAN ACCESS WILL REMAIN ON WEST SIDE.

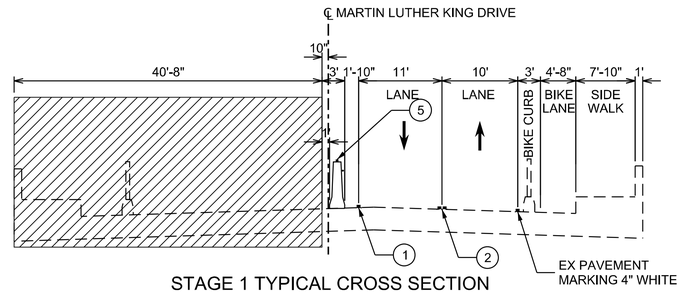
WORK ZONE SPEED LIMIT:

KING DRIVE	EXISTING POSTED SPEED	PROPOSED POSTED SPEED
STAGE 1	30 MPH	30 MPH
STAGE 2	30 MPH	30 MPH



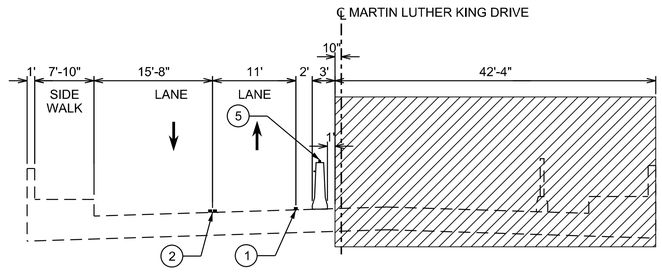
EXISTING TYPICAL CROSS SECTION

ON SN 016-2120



STAGE 1 TYPICAL CROSS SECTION

ON SN 016-2120



STAGE 2 TYPICAL CROSS SECTION

ON SN 016-2120

MOT TYPICAL LEGEND:

1. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW) @ 8" C-C
3. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW)
4. MONODIRECTIONAL REFLECTOR
5. BIDIRECTIONAL REFLECTOR

WORK AREA

DIRECTION OF TRAVEL

TEMPORARY CONCRETE BARRIER WITH TYPE C CRYSTAL REFLECTORS PER STD 704001 AND 782006.

TEMPORARY PAVEMENT MARKING

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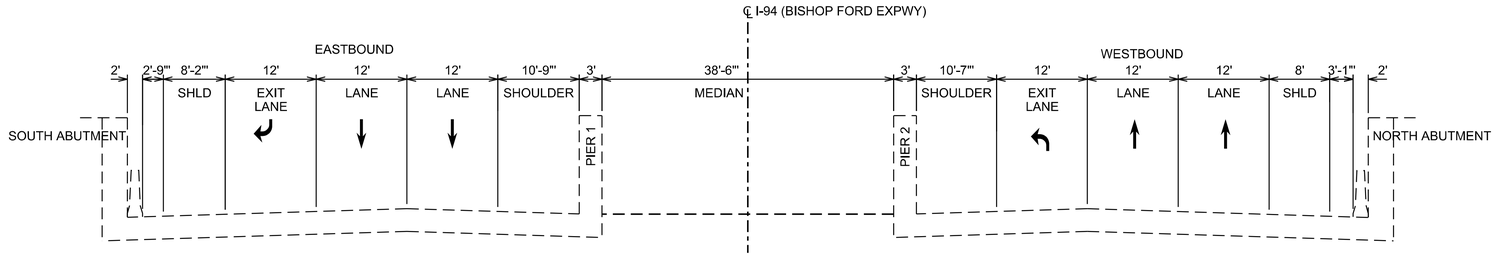
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PLOT SCALE =	DRAWN - CW	REVISED -	
PLOT DATE = 8/3/2026	CHECKED - ACL	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS
GENERAL NOTES AND TYPICAL SECTIONS – MARTIN LUTHER KING DRIVE
SHEET OF SHEETS

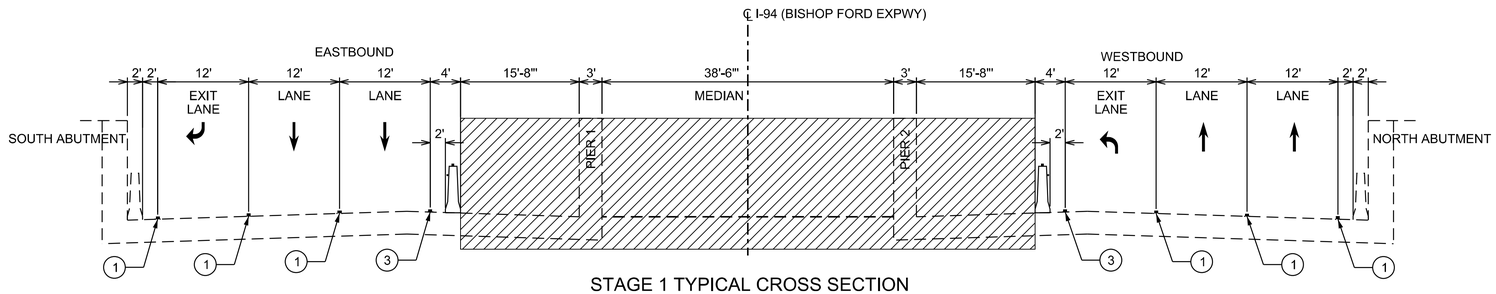
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	5
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

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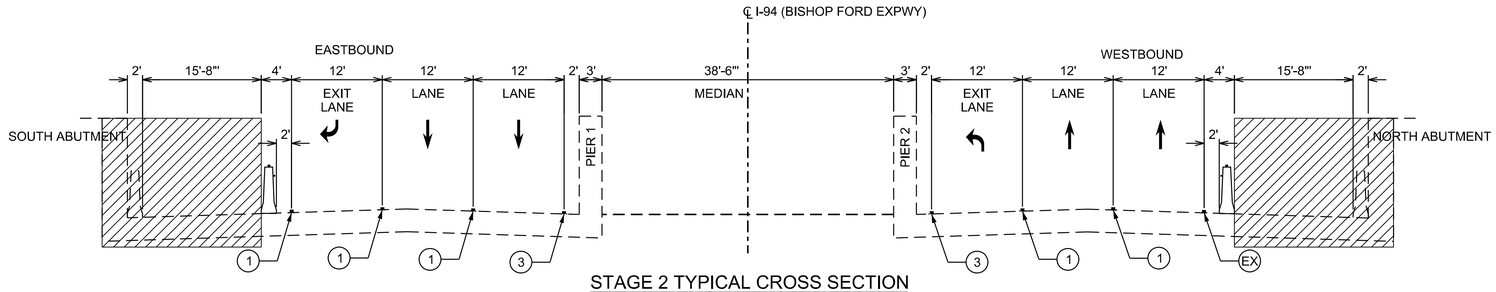
EXISTING TYPICAL CROSS SECTION

I-94 UNDER KING DRIVE - SN 016-2120



STAGE 1 TYPICAL CROSS SECTION

I-94 UNDER KING DRIVE - SN 016-2120



STAGE 2 TYPICAL CROSS SECTION

I-94 UNDER KING DRIVE - SN 016-2120

I-94 CONSTRUCTION STAGING

MAINTENANCE OF TRAFFIC - STAGE 1

CONSTRUCTION:

1. COMPLETE PIER REPAIRS ON BOTH SIDES OF PIER 1 ADJACENT TO THE EASTBOUND LANES.
2. COMPLETE PIER REPAIRS ON BOTH SIDES OF PIER 2 ADJACENT TO THE WESTBOUND LANES.

MAINTENANCE OF TRAFFIC:

1. SHIFT THE EASTBOUND LANES TOWARDS AND ON THE OUTSIDE SHOULDER. 3 LANES OF TRAFFIC SHALL BE MAINTAINED ON EASTBOUND I-94.
2. SHIFT THE WESTBOUND LANE TOWARDS AND ON THE OUTSIDE SHOULDER. 3 LANES OF TRAFFIC SHALL BE MAINTAINED ON WESTBOUND I-94.

MAINTENANCE OF TRAFFIC - STAGE 2

CONSTRUCTION:

1. COMPLETE BRIDGE SOUTH ABUTMENT REPAIRS ADJACENT TO THE EASTBOUND LANES.
2. COMPLETE BRIDGE NORTH ABUTMENT REPAIRS ADJACENT TO THE WESTBOUND LANES.

MAINTENANCE OF TRAFFIC:

1. SHIFT THE EASTBOUND LANE TOWARDS AND ON THE INSIDE SHOULDER. 3 LANES OF TRAFFIC SHALL BE MAINTAINED ON EASTBOUND I-94.
2. SHIFT THE WESTBOUND LANE TOWARDS AND ON THE INSIDE SHOULDER. 3 LANES OF TRAFFIC SHALL BE MAINTAINED ON WESTBOUND I-94.

WORK ZONE SPEED LIMIT:

I-94	EXISTING POSTED SPEED	PROPOSED POSTED SPEED
STAGE 1	55 MPH	45 MPH
STAGE 2	55 MPH	45 MPH

PAVEMENT MARKING LEGEND:

(1) TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE)

(2) TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW) @ 8" C-C

(3) TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW)

MOT TYPICAL LEGEND:

WORK AREA

DIRECTION OF TRAVEL

TEMPORARY CONCRETE BARRIER WITH TYPE C, BI-DIRECTIONAL CRYSTAL REFLECTORS PER STD 704001 AND 782006.

TEMPORARY PAVEMENT MARKING

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PLOT DATE = 8/3/2026	CHECKED - ACL	REVISED -	

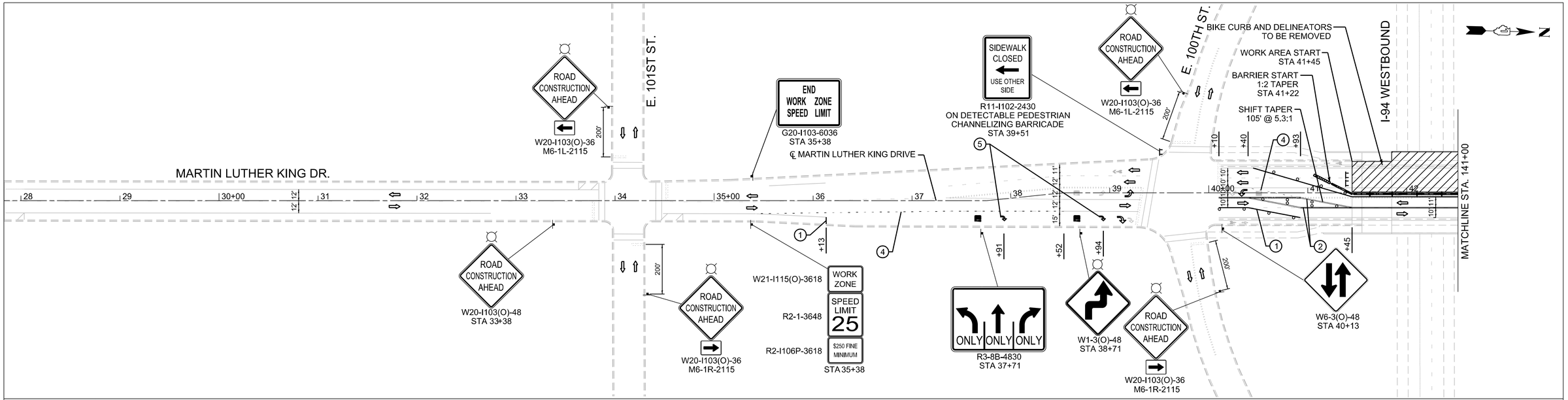
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

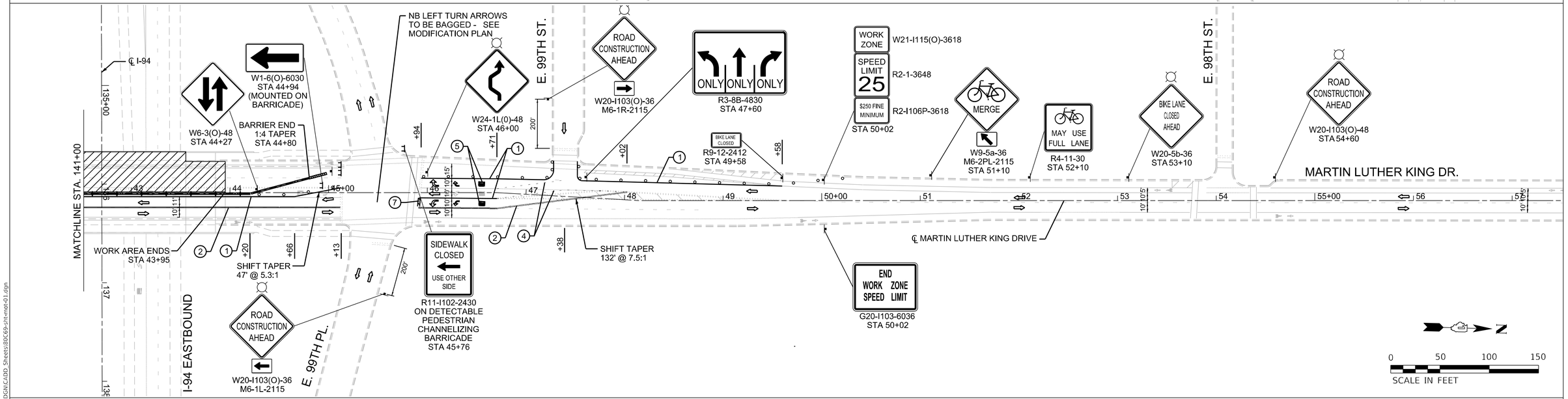
TRAFFIC CONTROL PLANS
TYPICAL SECTIONS – I-94 (BISHOP FORD EXPWY)

SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	6
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: P:\P-21\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 40 80C69\DGN\CADD Sheets\80C69-sht-xsp-02.dgn





MOT SYMBOL LEGEND

- CONE, DRUM OR BARRICADE
- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ARROW BOARD
- BARRICADE OR DRUM
- DIRECTION INDICATOR BARRICADE
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- CRYSTAL, BIDIRECTIONAL BARRIER WALL REFLECTOR
- CRYSTAL, MONODIRECTIONAL BARRIER WALL REFLECTOR

MOT PROPOSED LEGEND

1. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW @ 8" C-C)
3. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE)
4. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE) (2' LINE - 6' SPACE)
5. TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TAPE TYPE IV
6. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW)
7. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 24" (WHITE)

NOTE: TRAFFIC CONTROL FOR I-94 BASED ON STANDARD 701423-10.
TRAFFIC CONTROL FOR KING DR. BASED ON STANDARDS 701321-19 AND 701611-01.
REMOVE CONFLICTING PAVEMENT MARKING USING PAVEMENT MARKING REMOVAL - WATERBLASTING

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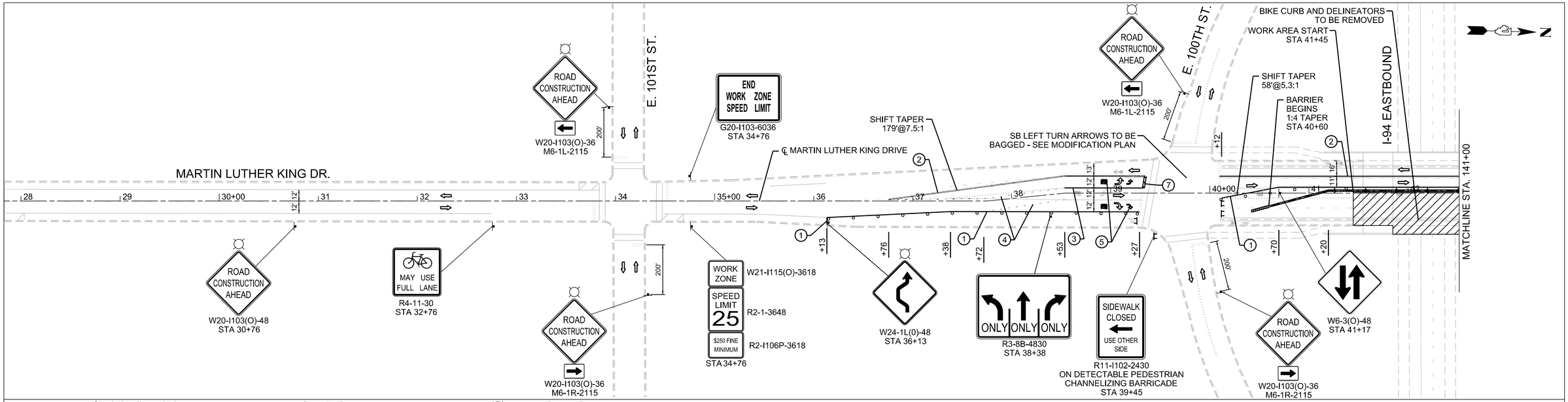
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS
MARTIN LUTHER KING DRIVE – STAGE 1

SHEET OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2915	(066-1414.4-CF) BJR, BDR 25	COOK	35	7
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

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MOT SYMBOL LEGEND

- CONE, DRUM OR BARRICADE
- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ARROW BOARD
- BARRICADE OR DRUM
- DIRECTION INDICATOR BARRICADE
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- CRYSTAL, BIDIRECTIONAL BARRIER WALL REFLECTOR
- CRYSTAL, MONODIRECTIONAL BARRIER WALL REFLECTOR

MOT PROPOSED LEGEND

1. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW @ 8" C-C)
3. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE)
4. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE) (2' LINE - 6' SPACE)
5. TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TAPE TYPE IV
6. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW)
7. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 24" (WHITE)

NOTE: TRAFFIC CONTROL FOR I-94 BASED ON STANDARD 701423-10.
TRAFFIC CONTROL FOR KING DR. BASED ON STANDARDS 701321-19 AND 701611-01.
REMOVE CONFLICTING PAVEMENT MARKING USING PAVEMENT MARKING REMOVAL - WATERBLASTING

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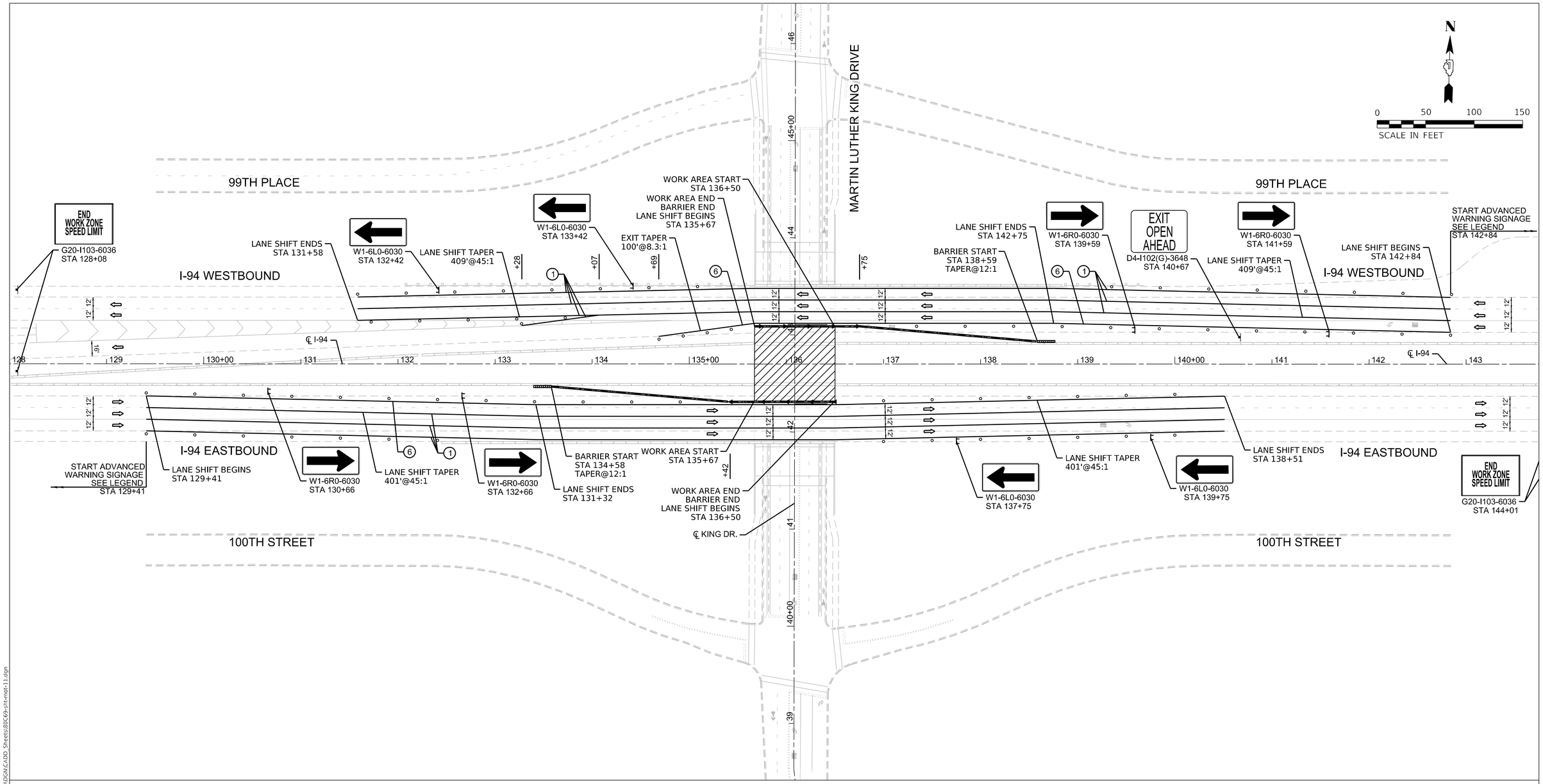
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PLOT DATE = 8/3/2026	CHECKED - ACL	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS
MARTIN LUTHER KING DRIVE – STAGE 2
SHEET OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2915	(066-1414.4-CF) BJR, BDR 25	COOK	35	8
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

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MOT SYMBOL LEGEND

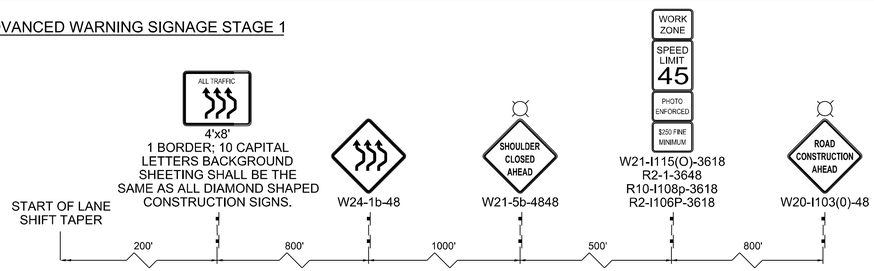
- CONE, DRUM OR BARRICADE
- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ARROW BOARD
- BARRICADE OR DRUM
- DIRECTION INDICATOR BARRICADE
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- CRYSTAL, BIDIRECTIONAL BARRIER WALL REFLECTOR
- CRYSTAL, MONODIRECTIONAL BARRIER WALL REFLECTOR

MOT PROPOSED LEGEND

1. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW @ 8" C-C)
3. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE)
4. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE) (2' LINE - 6' SPACE)
5. TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TAPE TYPE IV
6. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW)
7. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 24" (WHITE)

NOTE: TRAFFIC CONTROL FOR I-94 BASED ON STANDARD 701423-10.
TRAFFIC CONTROL FOR KING DR. BASED ON STANDARDS 701321-19 AND 701611-01.
REMOVE CONFLICTING PAVEMENT MARKING USING PAVEMENT MARKING REMOVAL - WATERBLASTING

ADVANCED WARNING SIGNAGE STAGE 1



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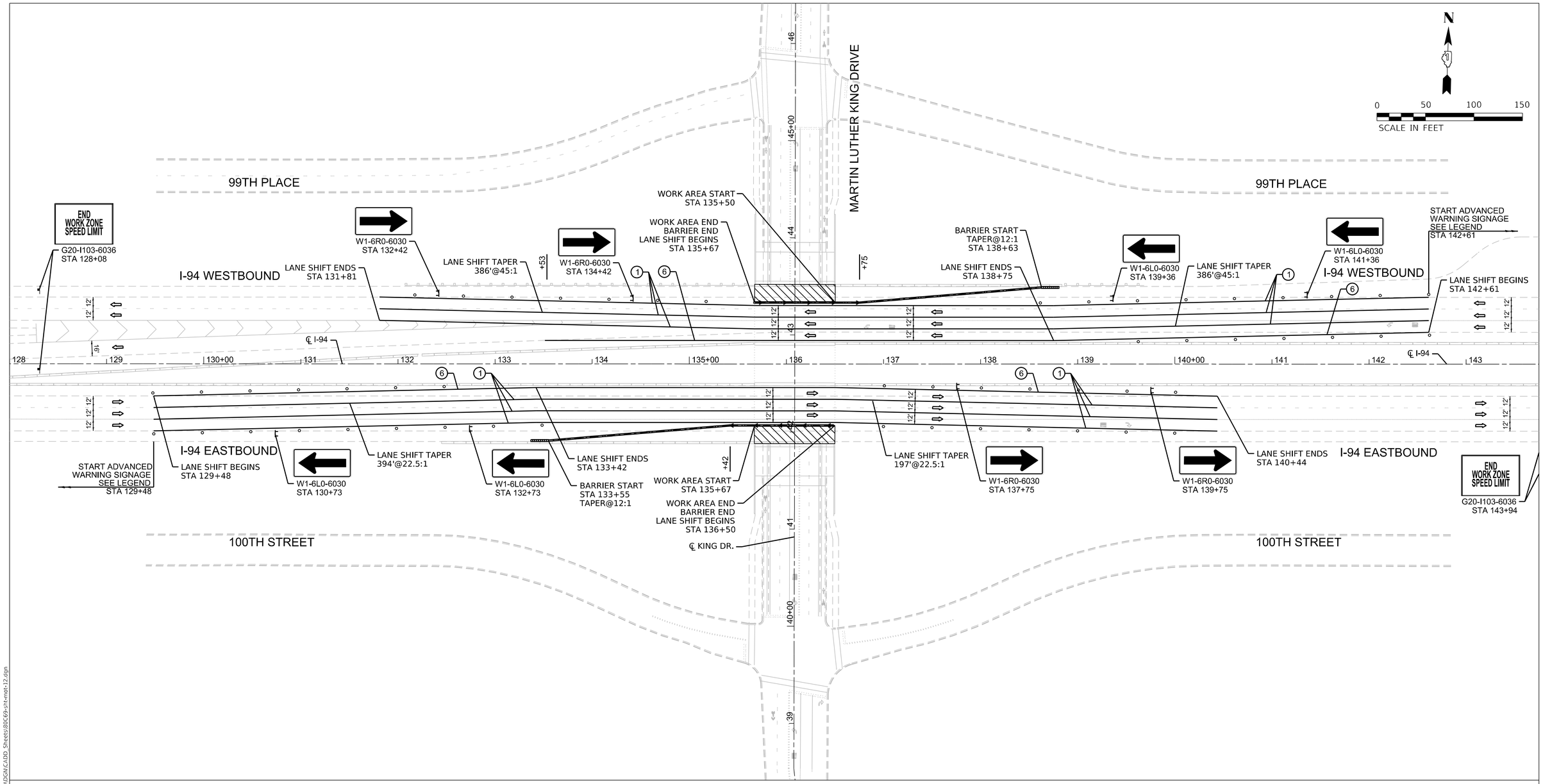
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS
I–94 (BISHOP FORD EXPWY) – STAGE 1
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	9
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

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MOT SYMBOL LEGEND

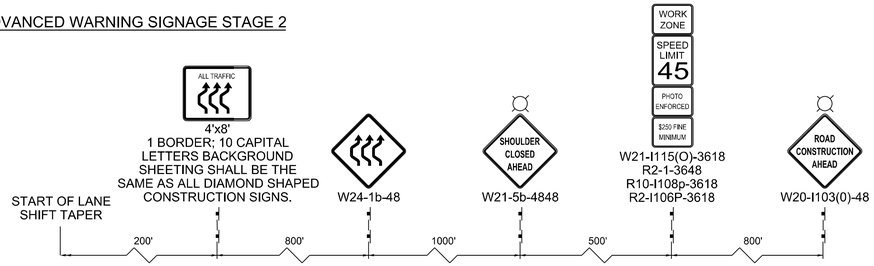
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- WORK AREA
- TYPE III BARRICADE
- DIRECTION OF TRAFFIC
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- ARROW BOARD
- BARRICADE OR DRUM
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- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, NARROW), TEST LEVEL 2
- CRYSTAL, BIDIRECTIONAL BARRIER WALL REFLECTOR
- CRYSTAL, MONODIRECTIONAL BARRIER WALL REFLECTOR

MOT PROPOSED LEGEND

1. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (WHITE)
2. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (DOUBLE YELLOW @ 8" C-C)
3. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE)
4. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 6" (WHITE) (2' LINE - 6' SPACE)
5. TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - TAPE TYPE IV
6. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 4" (YELLOW)
7. TEMPORARY PAVEMENT MARKING TAPE, TYPE IV 24" (WHITE)

NOTE: TRAFFIC CONTROL FOR I-94 BASED ON STANDARD 701423-10.
TRAFFIC CONTROL FOR KING DR. BASED ON STANDARDS 701321-19 AND 701611-01.
REMOVE CONFLICTING PAVEMENT MARKING USING PAVEMENT MARKING REMOVAL - WATERBLASTING

ADVANCED WARNING SIGNAGE STAGE 2



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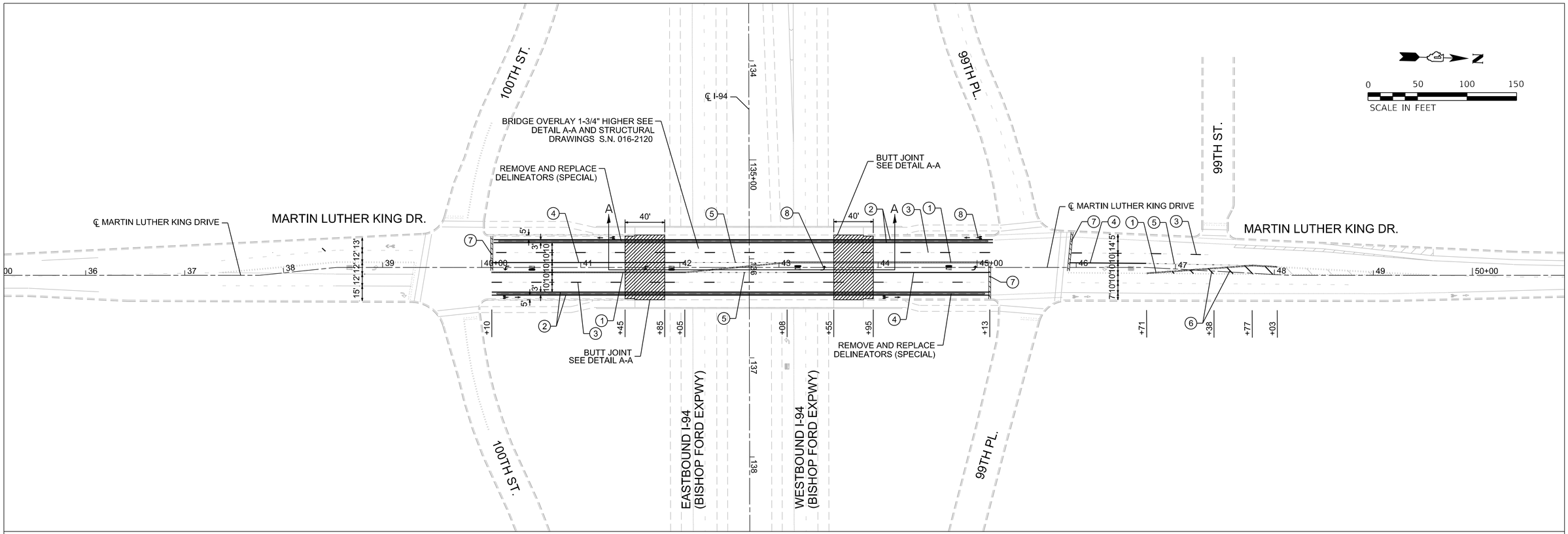
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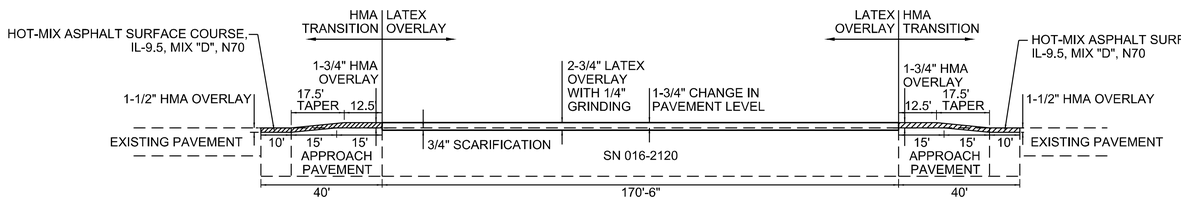
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLANS
I-94 (BISHOP FORD EXPWY) – STAGE 2
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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DETAIL A-A

PAVEMENT MARKING LEGEND

1. LINE 4", DOUBLE SOLID YELLOW (11" C-C) - CENTER LINE (TYP)
2. LINE 4", SOLID WHITE - LANE LINES (TYP)
3. LINE 4", SKIP-DASH, WHITE (6' LINE - 18' SPACE) - LANE LINES (TYP)
4. LINE 6", SOLID WHITE - TURN LANE MARKING (TYP)
5. LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
6. LINE 12", SOLID, YELLOW - DIAGONAL @ 45 DEG. @ 75' C-C (5 MINIMUM) (TYP)
7. LINE 24", SOLID, WHITE - STOP LINES (TYP)
8. LETTERS & SYMBOLS, SOLID WHITE (TYP)

LEGEND

HMA OVERLAY OF APPROACH PAVEMENT. TAPER RATE OF 10'-0" PER 1" CHANGE FROM D1 STD BD-32

NOTES:

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER SURFACE MIX.
2. ALL FINAL PAVEMENT MARKINGS SHALL BE MODIFIED URETHANE ON HMA PAVEMENT AND PREFORMED PLASTIC ON PCC PAVEMENT.
3. ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-24 "CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
4. ALL RAISED REFLECTIVE PAVEMENT MARKERS WITHIN BRIDGE LIMITS SHALL BE REMOVED AND NOT REPLACED.

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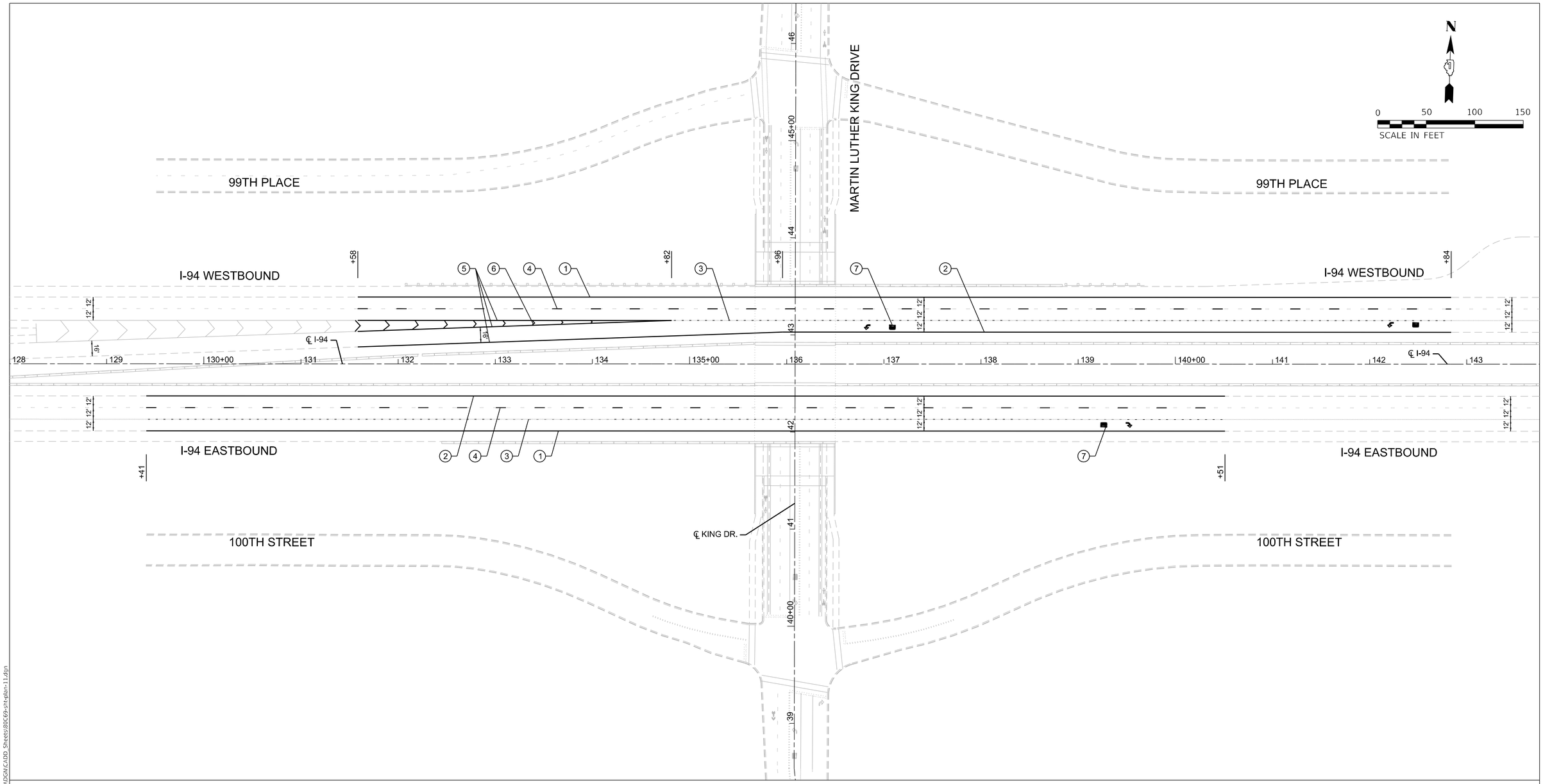
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PLOT DATE = 8/3/2026	CHECKED - ACL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLANS
MARTIN LUTHER KING DRIVE

SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	11
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND

1. LINE 4", SOLID WHITE - EDGE LINES (TYP)
2. LINE 4", SOLID YELLOW - EDGE LINES (TYP)
3. LINE 4", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - LANE LINES (TYP)
4. LINE 5", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
5. LINE 8", SOLID WHITE - EDGE LINES (TYP)
6. LINE 12", SOLID, WHITE - CHEVRON @ 30' C-C (TYP)
7. LETTERS & SYMBOLS, SOLID WHITE (TYP)

NOTES:

1. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC ON HMA PAVEMENT.
2. ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-12 "MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS" STANDARD DETAIL.
3. ALL RAISED REFLECTIVE PAVEMENT MARKERS WITHIN BRIDGE LIMITS SHALL BE REMOVED AND NOT REPLACED.

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	CHECKED - ACL	REVISED -
PLOT SCALE =	DRAWN - CW	REVISED -
PLOT DATE = 8/3/2026	CHECKED - ACL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

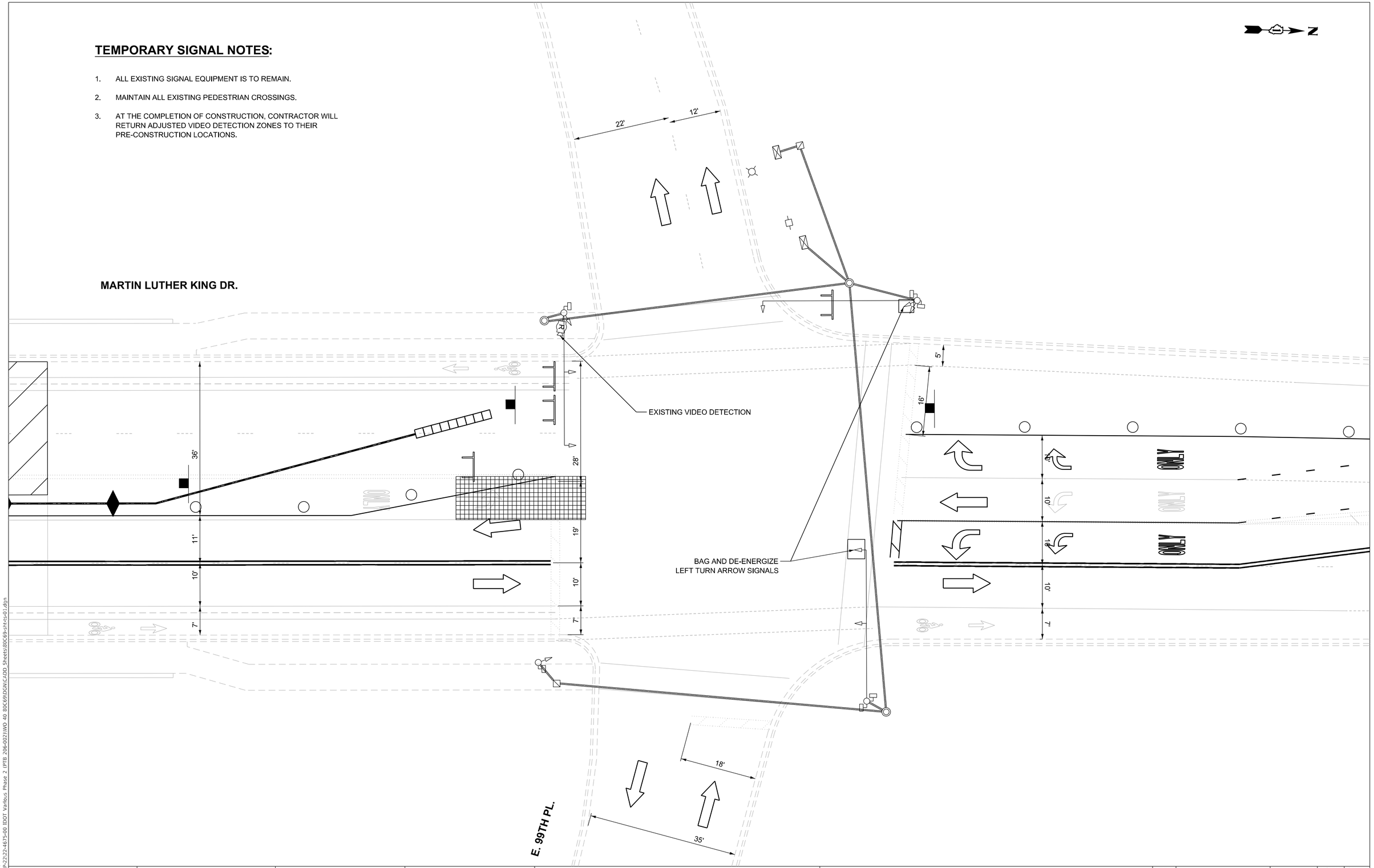
ROADWAY AND PAVEMENT MARKING PLANS
I-94 (BISHOP FORD EXPWY)
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	12
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: P:\P-2322-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 40 80C69\DGN\CADD Sheets\80C69-sht-plan-11.dgn

TEMPORARY SIGNAL NOTES:

1. ALL EXISTING SIGNAL EQUIPMENT IS TO REMAIN.
2. MAINTAIN ALL EXISTING PEDESTRIAN CROSSINGS.
3. AT THE COMPLETION OF CONSTRUCTION, CONTRACTOR WILL RETURN ADJUSTED VIDEO DETECTION ZONES TO THEIR PRE-CONSTRUCTION LOCATIONS.



MODEL: Default
FILE NAME: P:\P-21\21-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 40 80C69\DGN\CADD Sheets\80C69-sht-ts-01.dgn

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		CHECKED - ACL	REVISED -
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	PLOT DATE = 8/3/2026	CHECKED - ACL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

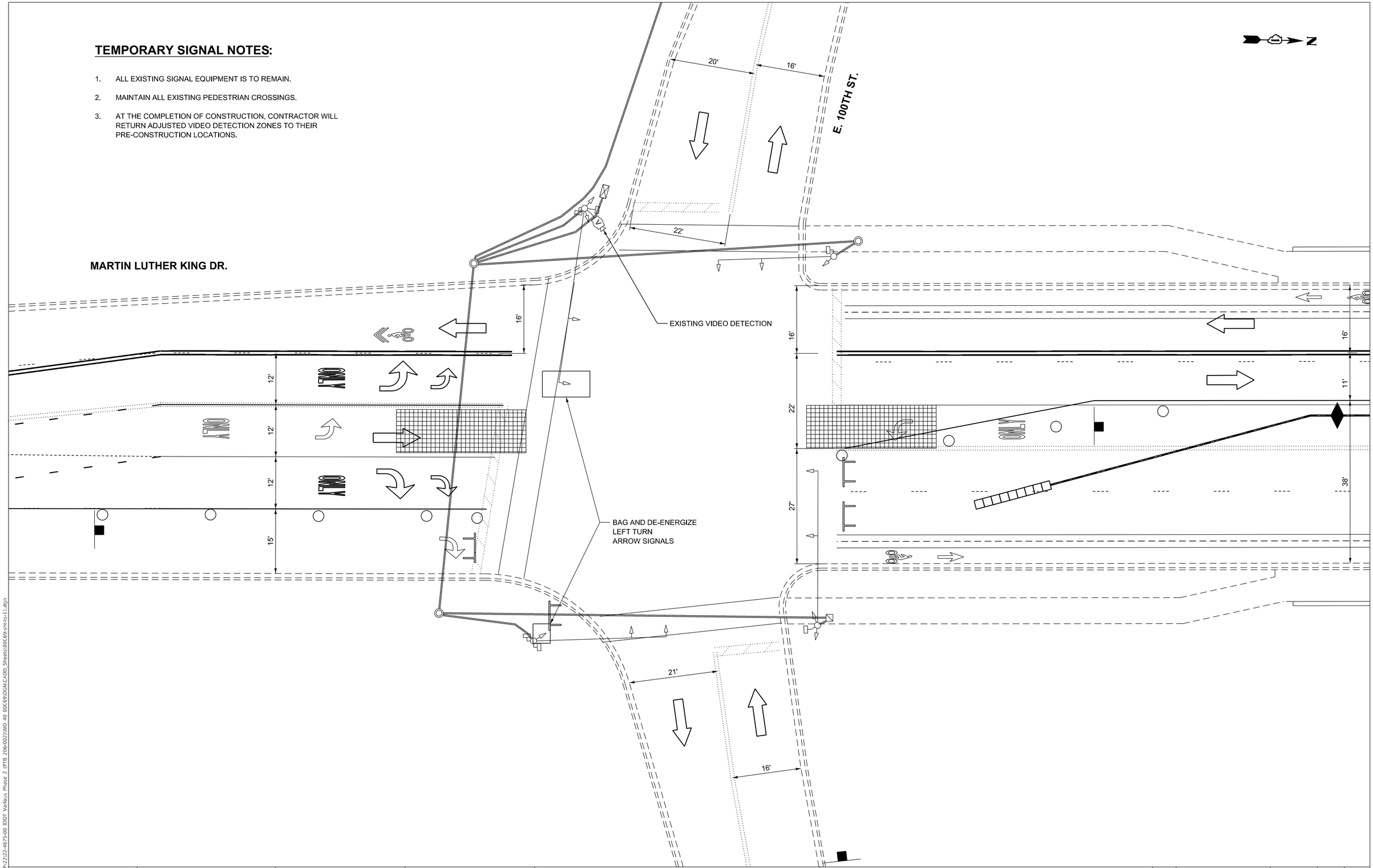
TRAFFIC SIGNAL – MARTIN LUTHER KING DR. & 99TH PL.
TEMPORARY TRAFFIC SIGNAL MODIFICATION PLAN STAGE 1

SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	13
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

TEMPORARY SIGNAL NOTES:

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3. AT THE COMPLETION OF CONSTRUCTION, CONTRACTOR WILL RETURN ADJUSTED VIDEO DETECTION ZONES TO THEIR PRE-CONSTRUCTION LOCATIONS.



MODEL: Default
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL – MARTIN LUTHER KING DR. & 100TH ST.
TEMPORARY TRAFFIC SIGNAL MODIFICATION PLAN STAGE 2

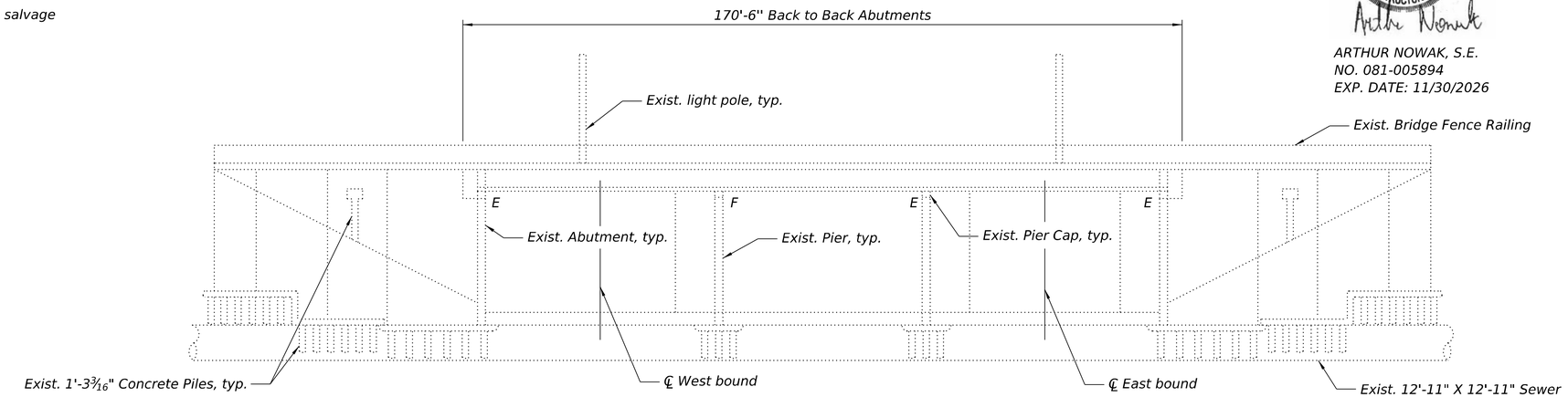
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

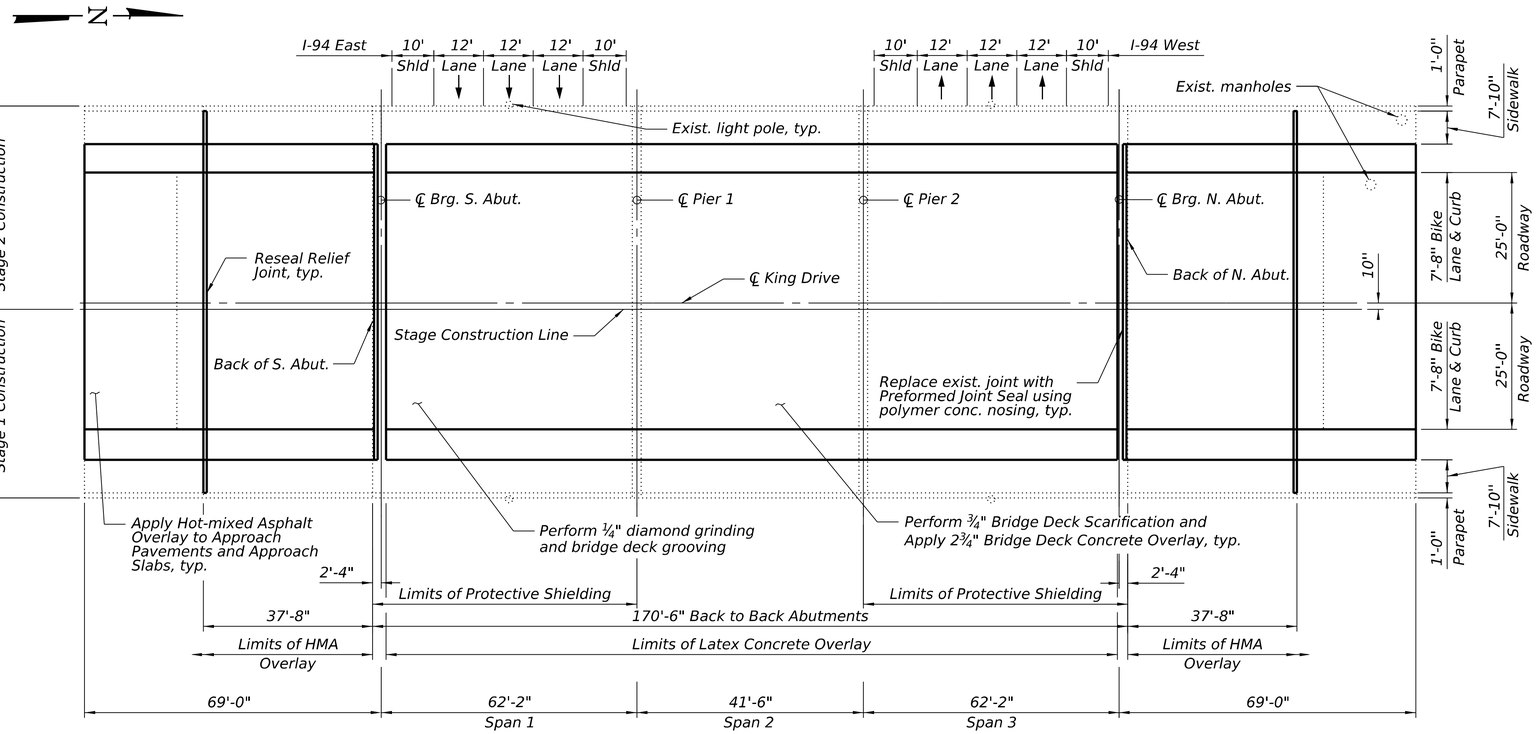
Existing Structure: SN 016-2120 was originally built as FAI-90, Section 066-1414.4 at Sta. 36+08.63 in 1960. The superstructure was replaced in 1974. The substructure was replaced in 1999. Superstructures consist of a concrete deck on three simple span concrete deck girders and approach pavements. Substructures consist of footing supported stub abutments and two concrete piers. Length is 170'-6" back-to-back abutments. Out-to-out deck is 83'-0".

Traffic is to be maintained using stage construction.

No salvage



ELEVATION
(Looking East)



PLAN

STATE OF ILLINOIS
ARTHUR J. NOWAK
81-5894
CHICAGO, ILLINOIS
LICENSED STRUCTURAL ENGINEER

ARTHUR NOWAK, S.E.
NO. 081-005894
EXP. DATE: 11/30/2026

INDEX OF SHEETS

1. General Plan and Elevation
2. General Notes, Scope of Work, & Total Bill of Materials
3. Stage Construction Details
4. Temporary Concrete Barrier For Stage Construction
5. Deck Repair Plan
6. Approach Slab Repair Plan
7. Abutment Repairs
8. Pier 1 Repairs
9. Pier 2 Repairs

DESIGN STRESSES

New Construction

f'c = 3,500 psi (Substructure Concrete)
f'c = 4,000 psi (Superstructure Concrete)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

Existing Construction

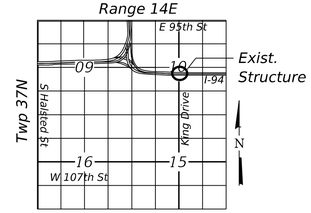
f'c = 3,500 psi (Superstructure Concrete)
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (Structural Steel)

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges (17th Edition)

LOADING HS20-44

No future wearing surface allowed



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
S. KING DRIVE OVER IL 94
FAU 2915 SECTION 066-1414.4-CF
COOK COUNTY
STATION 36+08.53
STRUCTURE NO. 016-2120

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	15
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

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FILE NAME: P:\P-21\22-4675-00 IDOT Various, Phase 2 (PTB 206-002)\WO 40_80C69\DGN\CADD_Sheets\80C69-int-STR-01 GPE.dgn

SCOPE OF WORK

1. Provide temporary protective shielding over the traffic lanes and shoulders in spans 1 and 3.
2. Perform ¾" bridge deck scarification on the bridge deck.
3. Perform deck slab and approach pavement repair as required.
4. Install new polymer concrete nosings and joint seals at expansion joints over the abutments.
5. Apply 2¾" bridge latex concrete overlay on the bridge deck.
6. Adjust manhole rims of all affected manholes during asphalt overlay placement.
7. Perform bridge deck grooving (longitudinal) and ¼" diamond grinding on the bridge deck.
8. Apply protective coat to the top and interior surfaces of the parapets, sidewalks, and concrete overlay areas.
9. Apply HMA overlay to the approach slabs and approach pavement to account for the change in the deck elevation.
10. Perform structural repair of concrete on the abutments and piers.
11. Reseal relief joints at the end of the approach slabs.
12. Remove and replace bike lane dividers.

TOTAL BILL OF MATERIAL

	ITEM	UNIT	SUPER	SUB	TOTAL
	Protective Shield	Sq Yd	1,202		1,202
*	Protective Coat	Sq Yd	1,976		1,976
	Preformed Joint Seal 3"	Foot	162		162
	Deck Slab Repair (Full Depth, Type II)	Sq Yd	1.8		1.8
	Bridge Deck Scarification ¾"	Sq Yd	1,238		1,238
	Bridge Deck Latex Concrete Overlay, 2¾"	Sq Yd	1,238		1,238
	Structural Repair of Concrete (Depth Equal to or Less than 5 Inches)	Sq Ft		1,185	1,185
	Clean & Reseal Relief Joint	Foot	162		162
	Protect and Maintain Existing Underpass Luminaire	L Sum		1	1
	Bridge Deck Grooving (Longitudinal)	Sq Yd	948		948
	Diamond Grinding (Bridge Section)	Sq Yd	1,162		1,162
	Polymer Concrete	Cu Ft	14.3		14.3
	Approach Slab Repair (Full Depth)	Sq Yd	18		18

* Quantity is for the top of deck and top and interior faces of sidewalks and the front face of parapet walls throughout the footprint of the bridge.

GENERAL NOTES

1. No field welding is permitted except as specified in the contract documents.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to the existing structure have been taken from existing plans and 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 at the unit price bid for the work.
4. Existing reinforcement bars extending into the removal area shall be cleaned, straightened, and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system at the contractor's expense.
5. The contractor shall not scale dimensions from the contract plans for construction purposes. Scales shown are for information only.
6. No concrete cutting shall be permitted until the cutting limits have been outlined by the contractor and approved by the engineer.
7. It shall be the contractor's responsibility to verify the location of all utilities prior to starting construction. Contact J.U.L.I.E., 800-892-0123.
8. Where underpass lighting is present on the structure, the Contractor shall adjust the Protective Shielding to ride above the existing lighting fixtures in order to maintain the existing level of lighting on the roadway underneath. Details shall be approved by the Engineer before installation.
9. Any adjustments done to the Protective Shield System must not change the load carrying capacity (or containment specifications) as indicated in the STD specs. Cost of adjusting shielding is included in the cost of Protective Shield.
10. Areas of deck and approach repairs shown are estimated. The Engineer shall show actual sizes and locations of deck and approach repairs on the As-Built Plans.

Abbreviations

abut. – abutment
B.F. – back face
BL – baseline
brg. – bearing
℄ – centerline
cl. – clearance
conc. – concrete
const. – construction
ϕ – diameter
E.F. – each face
elev. – elevation
exist. – existing
FL – flowline
F.F. – front face
I.F. – inside face
jt. – joint
long. – longitudinal
max. – maximum
min. – minimum
no. – number
O.F. – outside face
PJF – preformed joint filler
PJS – preformed joint sealer
PG – profile grade
prop. – proposed
rte. – route
sect. – section
sta. – station
struct. – structure
typ. – typical
req'd. – required
spa. – spaces
std. – standard
spec. – specification

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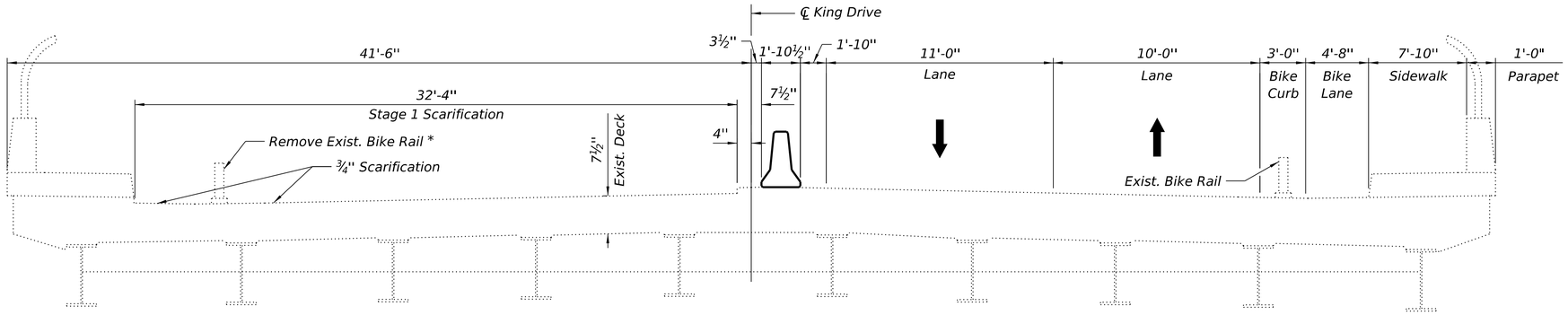
GENERAL NOTES, SCOPE OF WORK, & TOTAL BILL OF MATERIALS
STRUCTURE NO. 016–2120
SHEET 2 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	16
		CONTRACT NO. 80C69		
	ILLINOIS FED. AID PROJECT			

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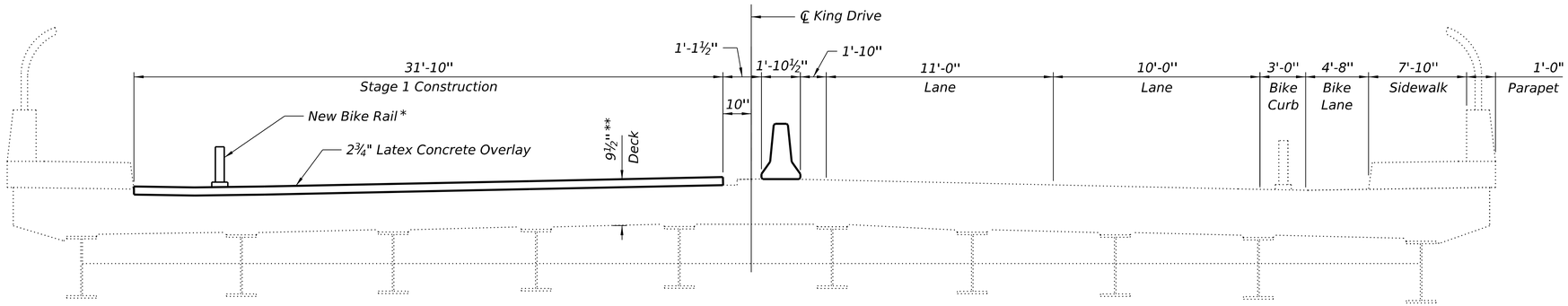
STAGE 1 REMOVAL

(Looking South)



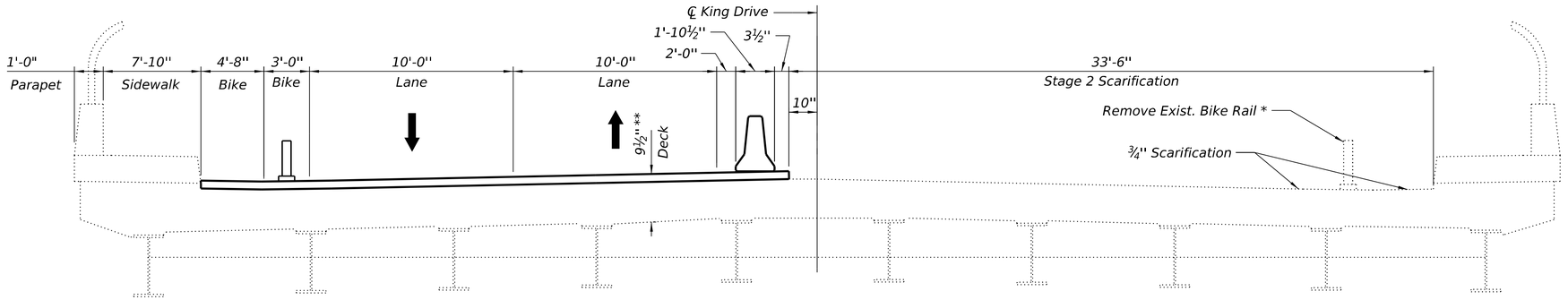
STAGE 1 CONSTRUCTION

(Looking South)



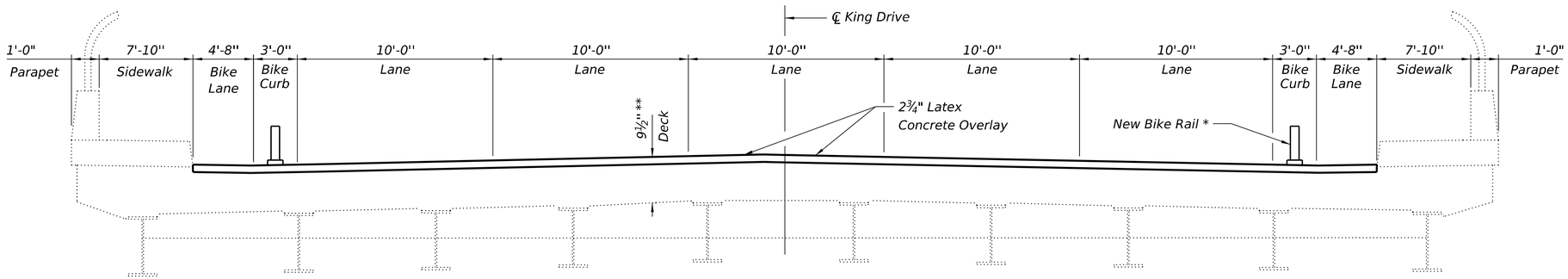
STAGE 2 REMOVAL

(Looking South)



STAGE 2 CONSTRUCTION

(Looking South)



* *This work is in accordance with Remove and Replace Delineartor (Special), see Roadway Plans*

** *Prior to grinding*

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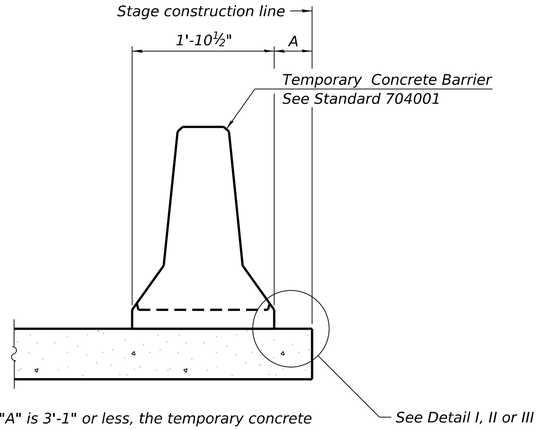
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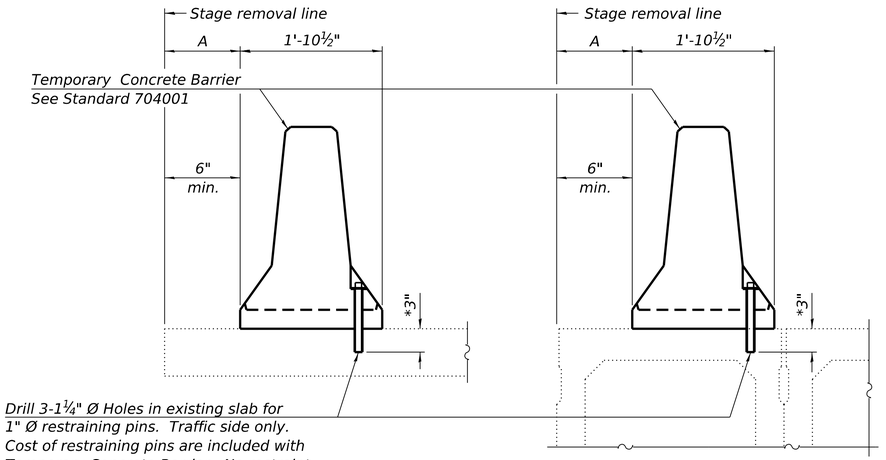
STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 016–2120
SHEET 3 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	17
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

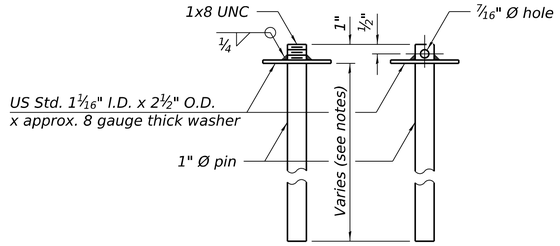
NEW SLAB OR NEW DECK BEAM



EXISTING SLAB

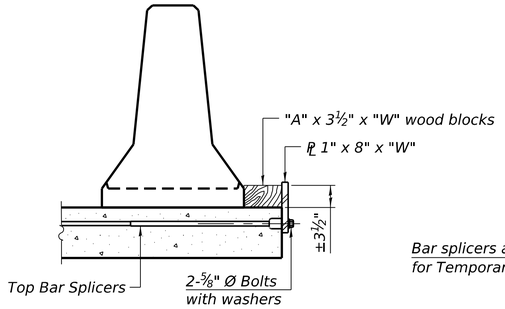
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

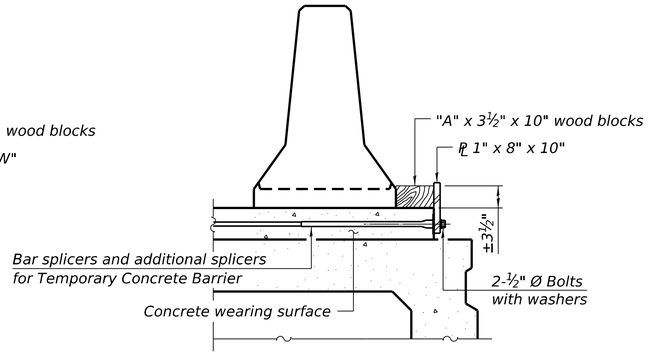


RESTRAINING PIN

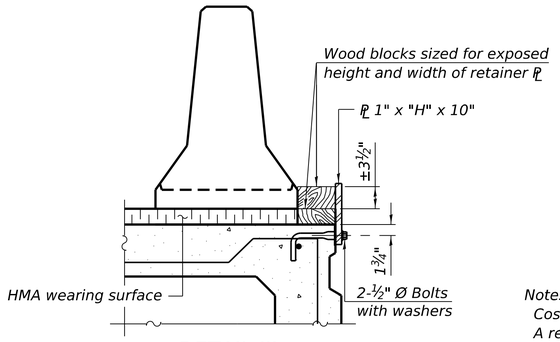
SECTIONS THRU SLAB OR DECK BEAM



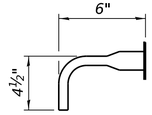
DETAIL I



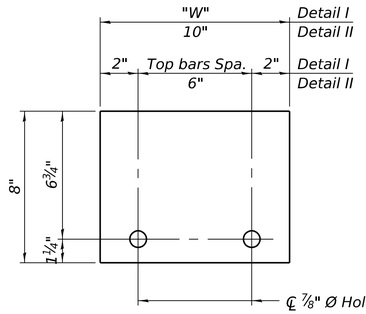
DETAIL II



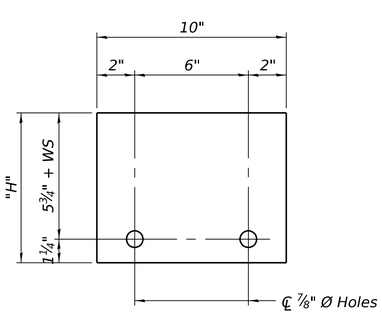
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER ℄ 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER ℄ 1" x "H" x 10"
(Detail III)

Notes:

Cost of retainer assembly is included with Temporary Concrete Barrier.

A retainer assembly shall be located at the approximate ℄ of each temporary concrete barrier.

The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.

When the 'A' dimension is less than 1½", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.

Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.

Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

RAILING CRITERIA

NCHRP 350 Test Level	3
Railing Weight (plf)	440

R-27

5-15-2023

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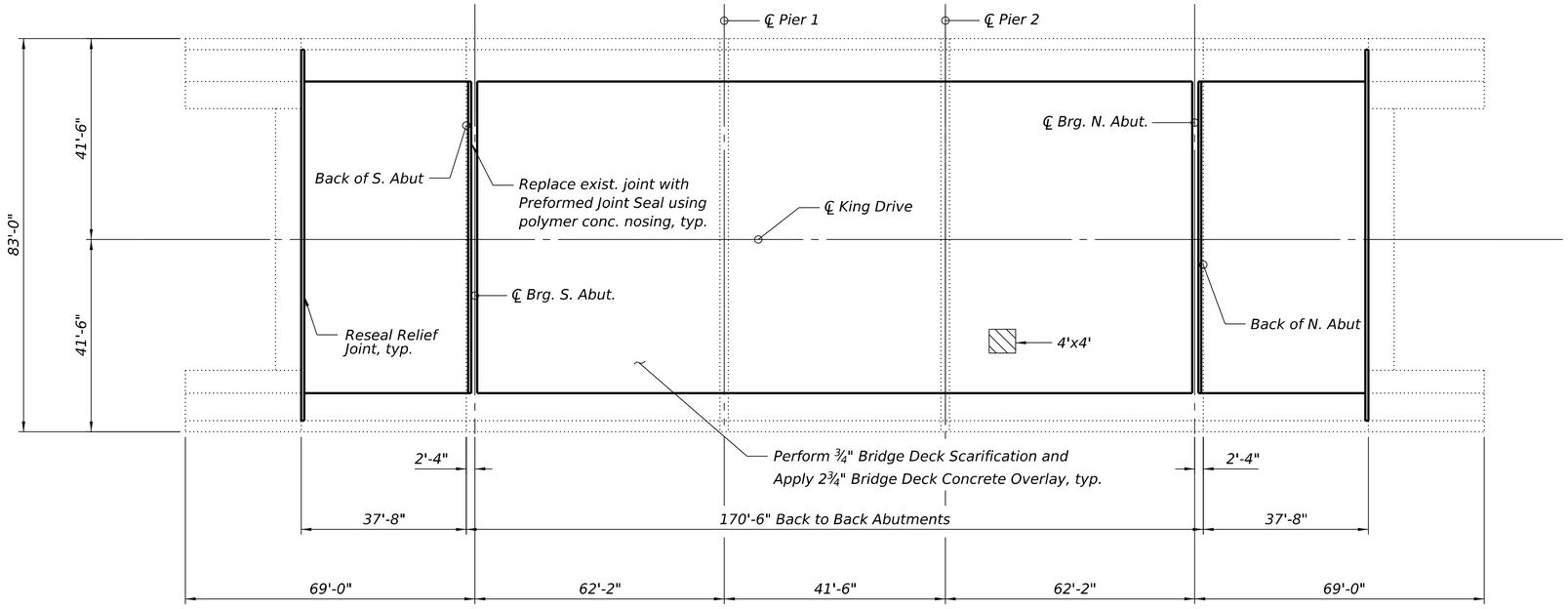
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
STRUCTURE NO. 016–2120

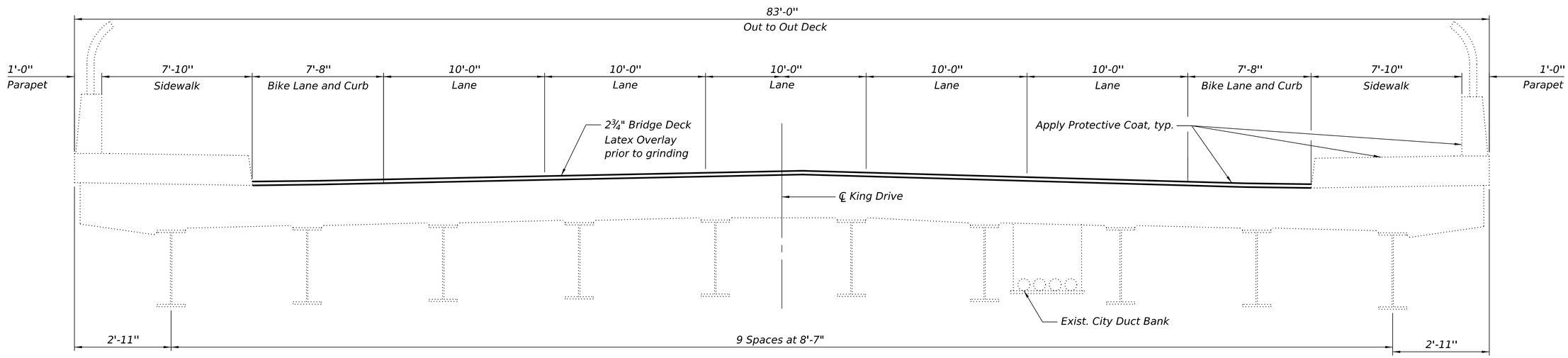
SHEET 4 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	18
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

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DECK PLAN



CROSS SECTION

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Protective Coat	Sq Yd	1,976
Deck Slab Repair (Full Depth, Type II)	Sq Yd	1.8
Bridge Deck Scarification ¾"	Sq Yd	1,238
Bridge Deck Latex Concrete Overlay, 2¾"	Sq Yd	1,238
Bridge Deck Grooving (Longitudinal)	Sq Yd	948
Diamond Grinding (Bridge Section)	Sq Yd	1,162

LEGEND

Deck Patching (Full Depth)

NOTE

1. Protective Coat on sidewalks and the front face of parapet walls shall be applied throughout the footprint of the bridge.
2. Existing City Duct Bank to be protected during construction.
3. Deck Slab repairs are estimated. The actual size and location will be determined by the Engineer and shown in the as-builts.

MODEL: Default
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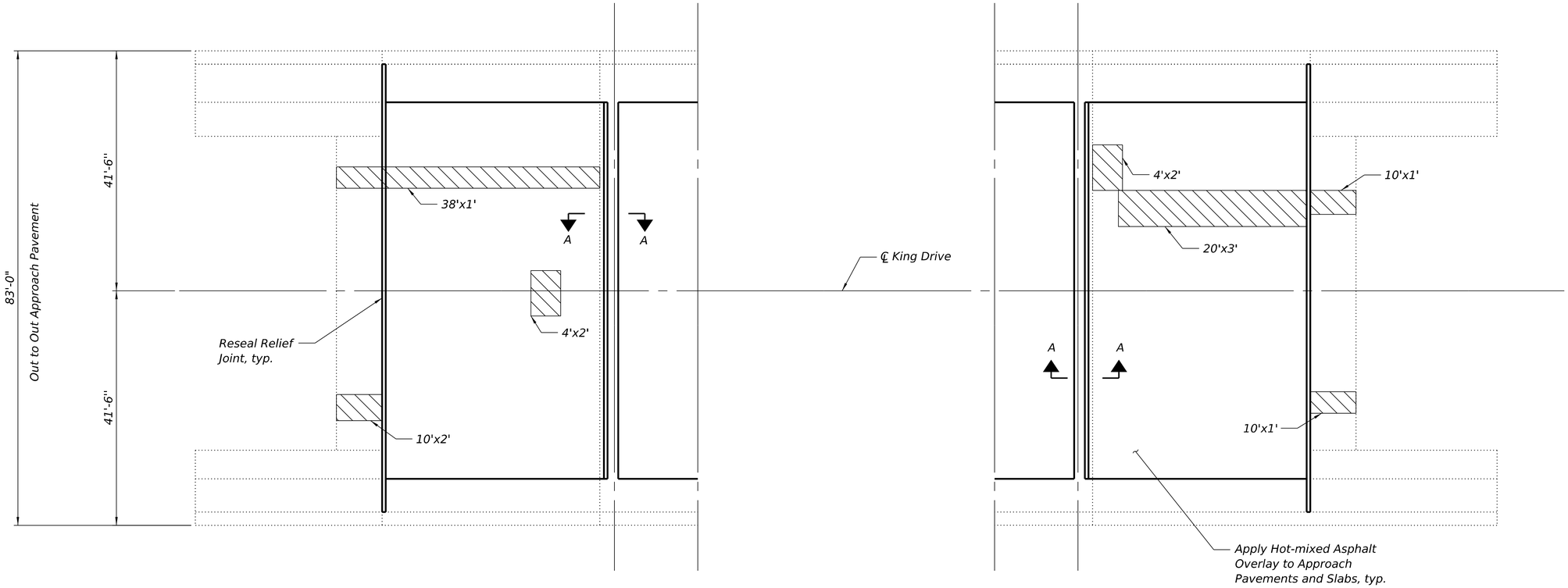
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PLOT DATE = 8/3/2026	CHECKED - AN	REVISED -

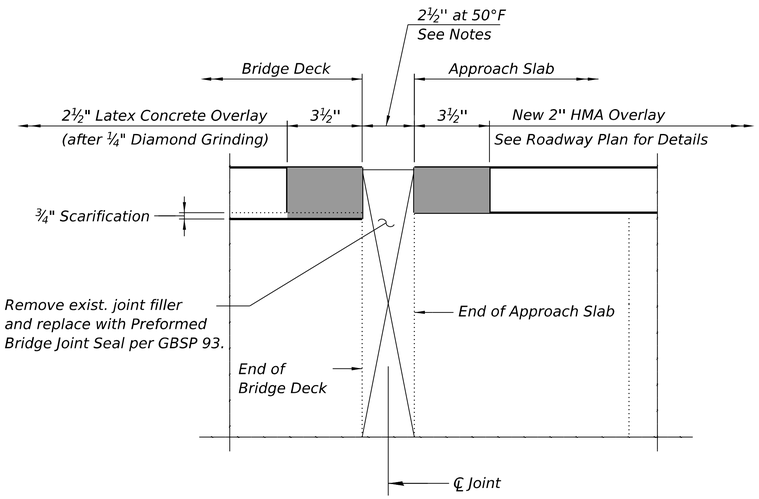
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECK REPAIR PLAN
STRUCTURE NO. 016–2120
SHEET 5 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	19
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		



APPROACH PAVEMENT PLAN



SECTION A-A

LEGEND

- Approach Slab Repair (Full Depth)
- Polymer Concrete Nosing

NOTES

1. Protective Coat shall be applied to the new concrete overlay area, sidewalks and inside face of parapet walls.
2. Approach Slab Repairs are estimated. Actual size and location of repairs to be determined by the Engineer and shown in the as-builts.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Clean and Reseal Relief Joint	Foot	162
Polymer Concrete	Cu Ft	14.3
Approach Slab Repair (Full Depth)	Sq Yd	18

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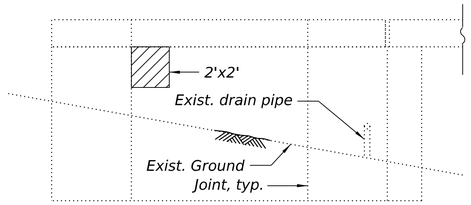
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	CHECKED - AN	REVISED -
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PLOT DATE = 8/3/2026	CHECKED - AN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

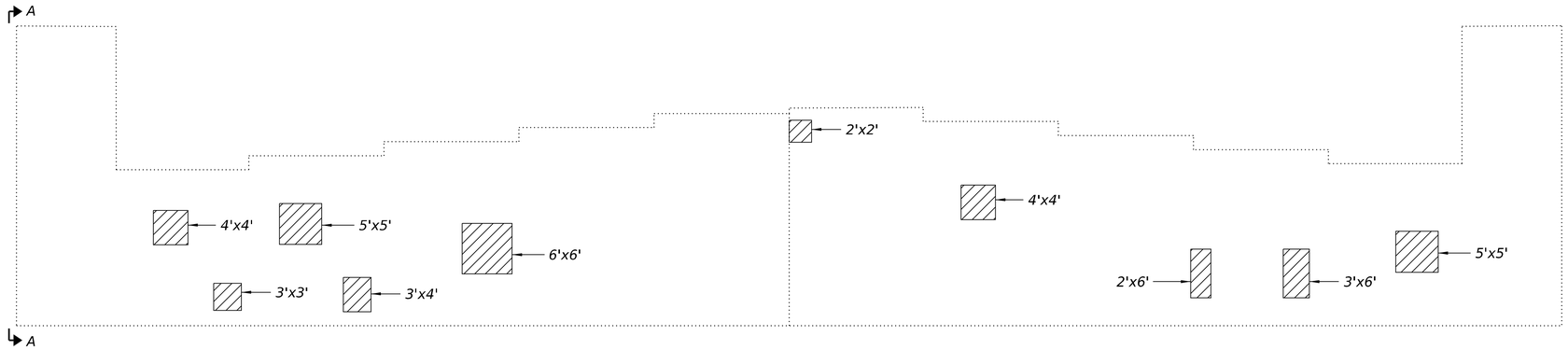
APPROACH SLAB REPAIR PLAN
STRUCTURE NO. 016–2120
SHEET 6 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	20
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

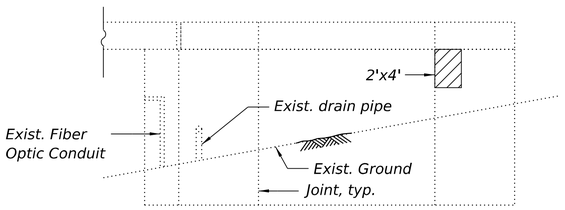
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VIEW A-A

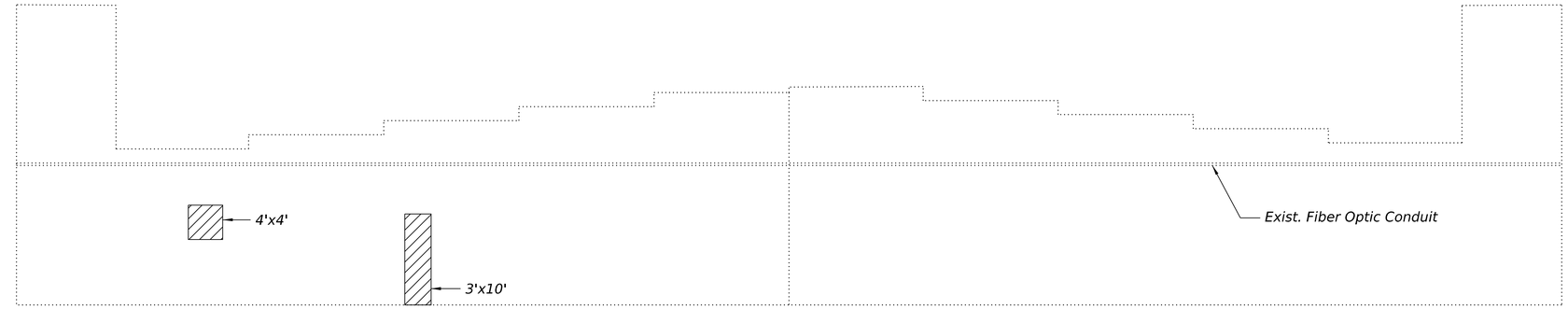


SOUTH ABUTMENT ELEVATION



VIEW B-B

(Similar Exist. Fiber Optic Conduit detail for NW Wingwall)



NORTH ABUTMENT ELEVATION

LEGEND

Structural Repair of Concrete
(Depth Equal to or Less than 5 inches)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq Ft	231

NOTE

1. The fiber optic conduits to be protected during the abutment repair activities. Cost included in Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches).

2. Repair size and location are estimated. Actual size and location of repairs to be determined by the Engineer and documented in the as-builts.

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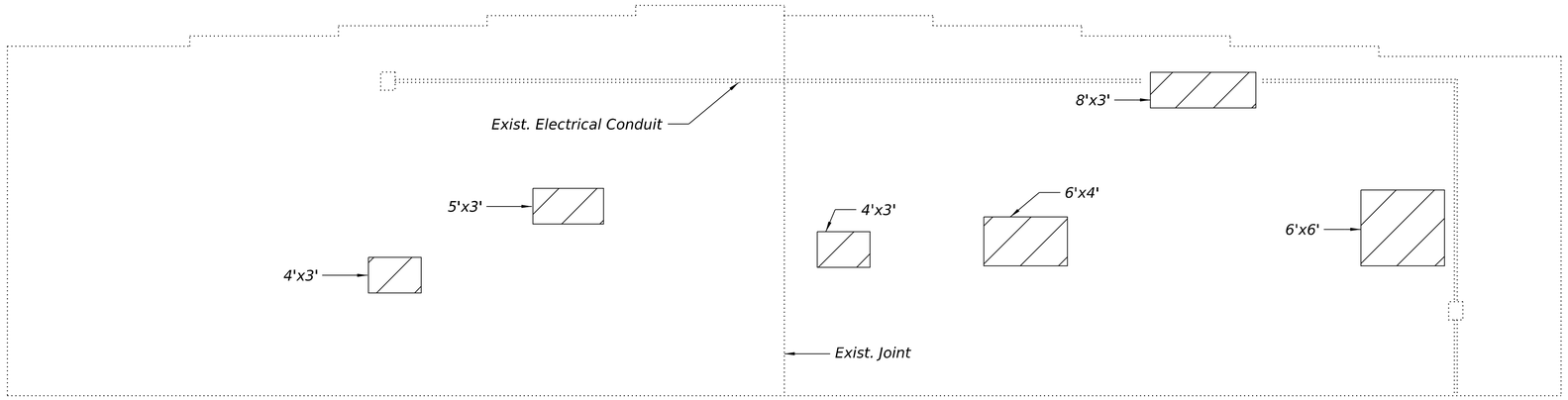
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PLOT SCALE =	DRAWN - KM	REVISED -	
PLOT DATE = 8/3/2026	CHECKED - AN	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT REPAIRS
STRUCTURE NO. 016–2120
SHEET 7 OF 9 SHEETS

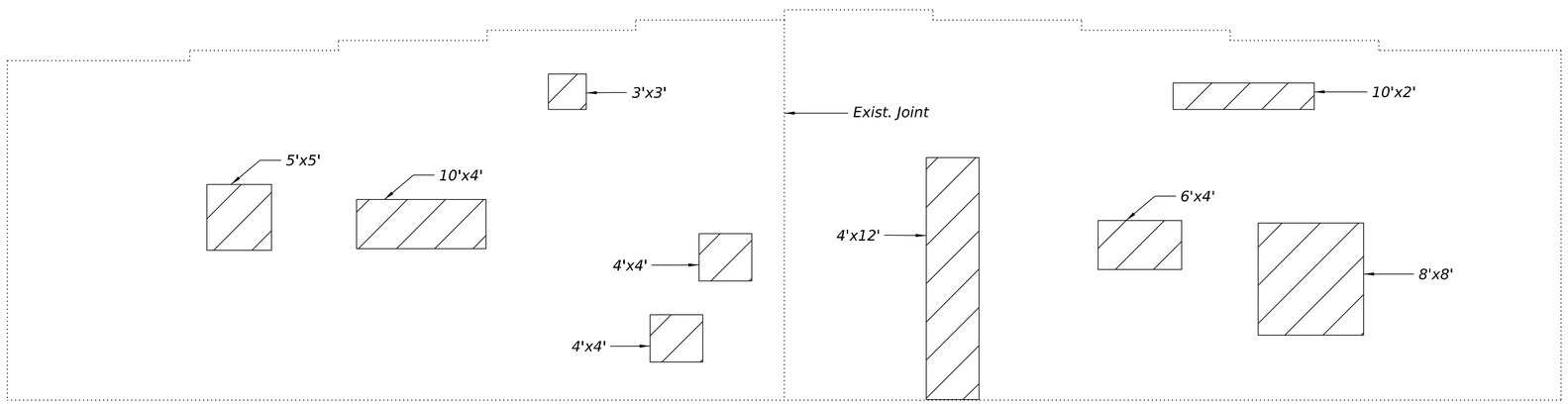
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	21
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
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PIER 1 NORTH ELEVATION

(Looking South)



PIER 1 SOUTH ELEVATION

(Looking North)

LEGEND

Structural Repair of Concrete (Depth Equal to or Less than 5 inches)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq Ft	385

NOTE

1. The Contractor is responsible to remove, support, and reinstall all existing electrical conduits interfering with the work. See special provision "Protection and Maintenance of Underpass Luminaires."

2. Repair size and location are estimated. Actual size and location of repairs to be determined by the Engineer and documented in the as-builts.

MODEL: Default
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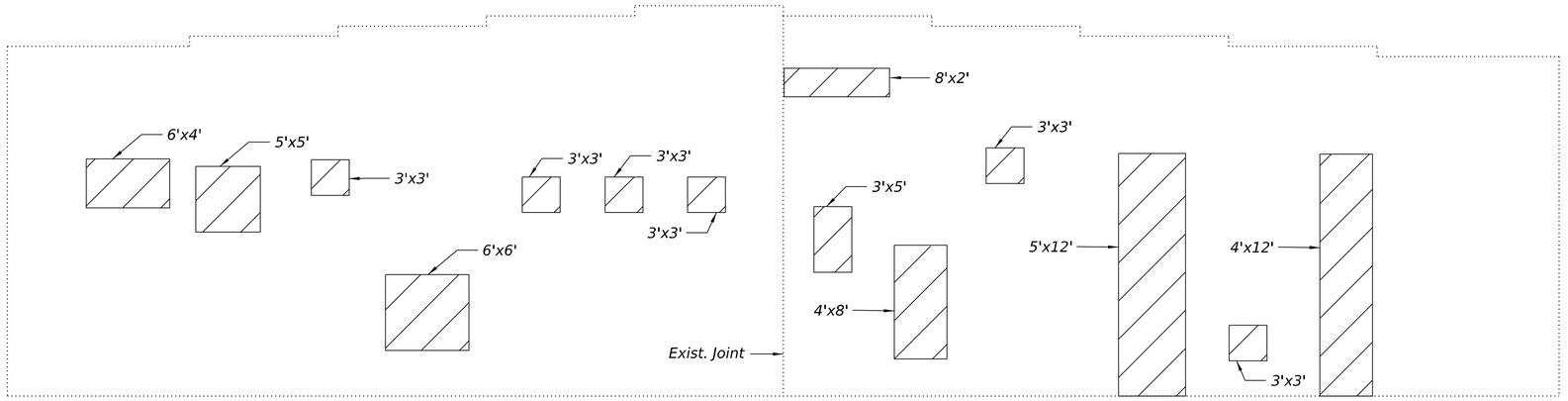
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PLOT SCALE =	DRAWN - KM	REVISED -
PLOT DATE = 8/3/2026	CHECKED - AN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

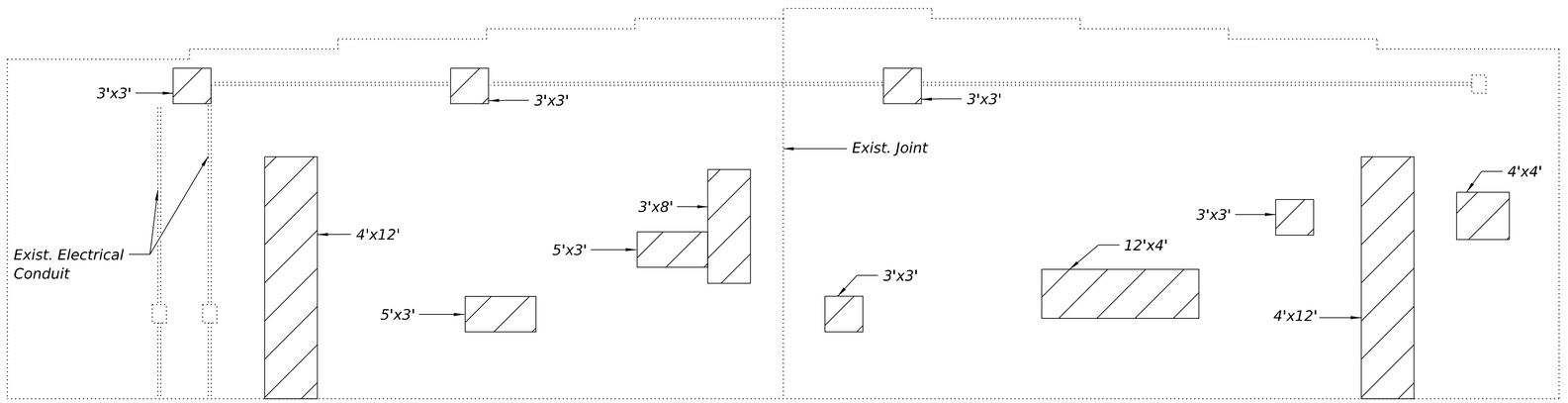
PIER 1 REPAIRS
STRUCTURE NO. 016–2120
SHEET 8 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	22
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		



PIER 2 NORTH ELEVATION

(Looking South)



PIER 2 SOUTH ELEVATION

(Looking North)

LEGEND

Structural Repair of Concrete
(Depth Equal to or Less than 5 inches)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq Ft	569

NOTE

1. The Contractor is responsible to remove, support, and reinstall all existing electrical conduits interfering with the work. See special provision "Protection and Maintenance of Underpass Luminaires."

2. Repair size and location are estimated. Actual size and location of repairs to be determined by the Engineer and documented in the as-builts.

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PLOT DATE = 8/3/2026	CHECKED - AN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 2 REPAIRS
STRUCTURE NO. 016–2120
SHEET 9 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(21B-NRM-4) BR 25	COOK	35	23
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

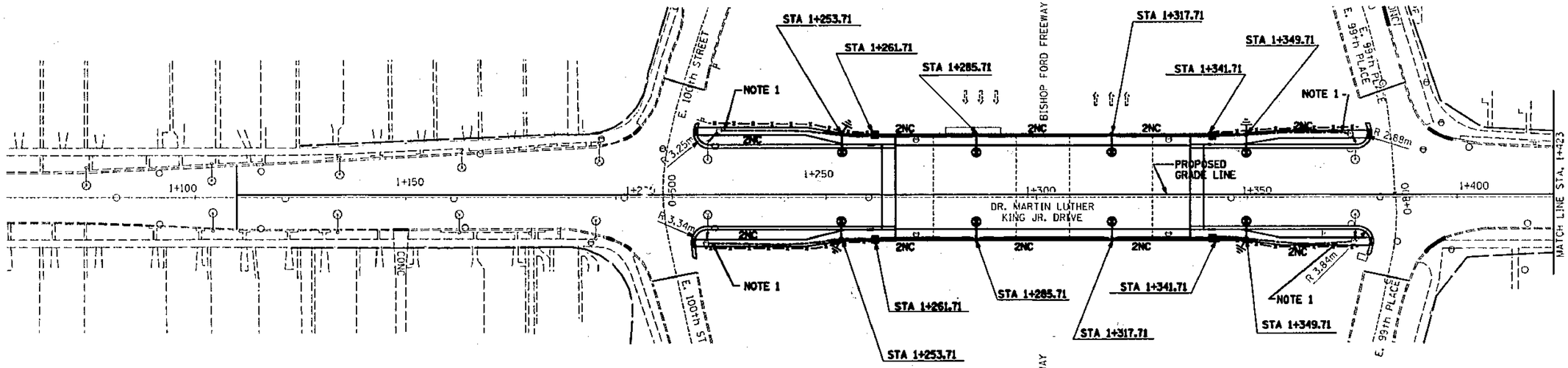
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-94	1414.3 R	COOK	76	27
STA. 1+110		TO STA. 1+520		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SYMBOLS & LEGEND (CITY OF CHICAGO)

- POLE, CITY, STEEL ANCHOR BASE, 32'-6", 7 GA., WITH 12' (3.66m) STEEL MAST ARM MOUNTED ON PARAPET WALL OR FOUNDATION WITH 11½" B.C. AND (4)1" ANCHOR RODS CITY DRG. #762 WITH 310W HPS LUMINAIRE, 240V, WITH SPECIAL BALLAST
- EXISTING CITY POLE, 29'-6" POLE AND 310W HPS LUMINAIRE
- EXISTING CITY ELECTRIC HANDHOLE
- CITY ELECTRIC HANDHOLE
- 2NC — CABLE, STREET LIGHT, 2 1/C #6, 600V AND 1 - #8 GROUND, IN 2" CONDUIT, EMBEDDED
- 2NC — CABLE, STREET LIGHT, 2 1/C #6, 600V AND 1 - #8 GROUND, IN 2" CONDUIT IN TRENCH
- GROUND ROD, 19mm DIAMETER x 3.0 METER

BILL OF MATERIALS

CODE NO.	ITEM	UNIT	QUANTITY
L06 56700	ELECTRIC HANDHOLE (CITY DWG # 867)	EACH	4
	PVC CONDUIT EMBEDDED IN STRUCTURE 50mm (2") (SCHEDULE 80)	METER	170
X09 33700	PVC CONDUIT IN TRENCH 50mm (2") (SCHEDULE 80)	METER	170
L06 57300	CONCRETE FOUNDATION 600mm (24") DIAMETER (CITY DWG # 753)	METER	12
	POLE, CITY, STEEL, ANCHOR BASE 292mm (11½") DIAMETER, 7 GAUGE 9.9 METER (32'-6") CITY DRG. #762, INSTALL ONLY	EACH	8
L06 59600	MAST ARM, STEEL STREET LIGHTING 3.66 METER (12'), INSTALL ONLY	EACH	8
L06 60200	LUMINAIRE, STREET LIGHTING HIGH PRESSURE SODIUM VAPOR 310 WATT 240 VOLT, INSTALL ONLY	EACH	8
660 30400	ELECTRIC CABLE IN CONDUIT 1/C #6	METER	680
X09 68300	INSULATED GROUND CABLE IN CONDUIT 1/C #8	METER	340
M8010140	GROUND ROD, 19mm DIAMETER x 3.0 METER	EACH	4
M8680100	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	170
87100200	REMOVAL OF EXISTING LIGHT UNIT, NO SALVAGE	EACH	8
X8700100	TEMPORARY LIGHTING SYSTEM	L. SUM	1



NOTES:

1. SPLICE NEW CONDUCTORS TO EXISTING STREET LIGHTING CIRCUITS IN EXISTING CITY ELECTRIC HANDHOLE.
2. THE CITY LIGHT POLES, MAST ARMS AND LUMINAIRES SHALL BE PROVIDED BY THE CITY OF CHICAGO. THE CONTRACTOR SHALL COORDINATE THE PICKUP OF THE POLES WITH LEROY PRETZIE AT THE CITY BUREAU OF ELECTRICITY POLE YARD AT 4101 SOUTH CICERO, CHICAGO IL. THE COST OF PICKING UP THE LIGHT POLES AND LUMINAIRES IS INCLUDED IN THIS CONTRACT AND SHALL BE REFLECTED IN CONTRACTOR'S BID. NO ADDITIONAL COMPENSATIONS WILL BE ALLOWED.
3. THE CONTRACTOR SHALL GIVE THE CITY OF CHICAGO , BUREAU OF ELECTRICITY A 72 HOUR ADVANCE NOTICE PRIOR TO PICKING UP THE LIGHT POLES AND LUMINAIRES.
4. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY CITY STANDARD DRAWINGS FROM THE CITY OF CHICAGO, DEPARTMENT OF STREETS AND SANITATION, BUREAU OF ELECTRICITY. THE COST OF OBTAINING THE STANDARD DETAILS FROM BUREAU OF ELECTRICITY IS INCLUDED IN THIS CONTRACT.
5. THE CONTRACTOR SHALL PROVIDE THE NECESSARY TEMPORARY AERIAL CABLES AND SPLICES TO KEEP THE EXISTING LIGHT UNITS OPERATIONAL UNTIL THE PROPOSAL LIGHT UNITS ARE IN PLACE AND FULLY OPERATIONAL. ALL THE NECESSARY MATERIALS AND LABOR TO MAINTAIN THE TEMPORARY WIRING IS INCLUDED IN THE TEMPORARY LIGHTING SYSTEM ITEM. THIS WORK SHALL BE CLOSELY COORDINATED WITH THE CITY OF CHICAGO, BUREAU OF ELECTRICITY.

0 5 15
SCALE IN METERS
SCALE 1:500

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

KAM ENGINEERING, INC.
CONSULTING ENGINEERS
707A Davis Road, Suite 205
Elgin, Illinois 60123-1369

STRAND ASSOCIATES, INC. ENGINEERS
2400 GLENWOOD AVE.
SUITE 228
JOLIET, ILLINOIS 60435
(815) 744-4200

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
FAU 2915 (DR. MARTIN LUTHER KING JR. DR.)
OVER FAI 94 (BISHOP FORD FREEWAY)
COOK COUNTY, S.N. 016-2120

DRAWN BY: CSL CHECKED BY: ADO
DATE: 08-31-98 SCALE: 1:500

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USER NAME = ALane	DESIGNED -	REVISED -	
	CHECKED -	REVISED -	
PLOT SCALE =	DRAWN -	REVISED -	
PLOT DATE = 8/3/2026	CHECKED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERPASS LIGHTING DETAILS
STRUCTURE NO. 016-2120
SHEET 10 OF 9 SHEETS

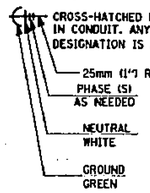
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	24
		CONTRACT NO. 80C69		
		ILLINOIS	FED. AID PROJECT	

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-94	1414.3 R	COOK	76	28
STA. 1+110		TO STA. 1+520		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND

- UNDERPASS LUMINAIRE, 55W LPS
- JUNCTION BOX (SIZE AS INDICATED ON PLANS)
- ELECTRIC CABLE IN CONDUIT, (EPR-TYPE RHW) NO. 10 AWG UNLESS OTHERWISE SPECIFIED, NUMBER OF CONDUCTORS AS INDICATED ON PLANS.
- CROSS-HATCHED LINES DENOTE NUMBER OF WIRES IN CONDUIT. ANY CIRCUIT WITHOUT FURTHER DESIGNATION IS A 3-WIRE CIRCUIT.

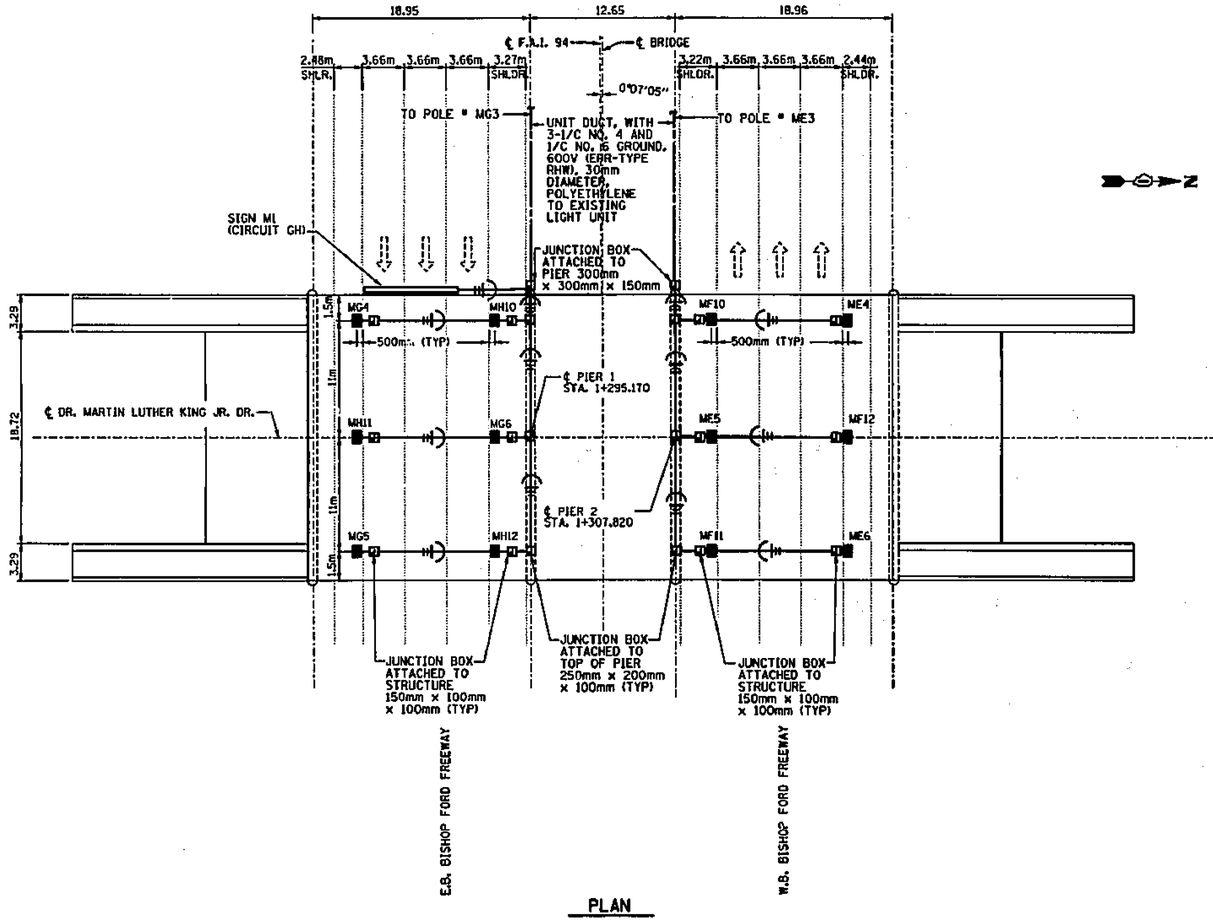


BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONDUIT ATTACHED TO STRUCTURE, 25 mm DIA., GALVANIZED STEEL	METER	160
JUNCTION BOX, STAINLESS STEEL, ATTATCHED TO STRUCTURE, 300 mm x 300 mm x 150 mm	EACH	2
JUNCTION BOX, STAINLESS STEEL, ATTATCHED TO STRUCTURE, 250 mm x 200 mm x 100 mm	EACH	4
JUNCTION BOX, STAINLESS STEEL, ATTATCHED TO STRUCTURE, 150 mm x 150 mm x 100 mm	EACH	12
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	80
UNIT DUCT, WITH 3-1/C No. 4 AND 1/C No. 6 GROUND, 600V (EPR-TYPE RHW), 30 mm DIA., POLYETHYLENE	METER	80
ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C No. 10	METER	500
UNDERPASS LUMINAIRE, 55 WATT, LOW PRESSURE SODIUM VAPOR	EACH	6
REMOVE EXISTING UNDERPASS LUMINAIRE	EACH	4
ELECTRICAL CONNECTION TO SIGN STRUCTURE	EACH	1

UNDERPASS LUMINAIRE LOCATION SCHEDULE

LUMINAIRE NO.	LOCATION	REMARKS
L1, L2, L7 & L8	CENTERED BETWEEN BEAMS 1 AND 2	
L3, L4, L9 & L10	CENTERED BETWEEN BEAMS 5 AND 6	
L5, L6, L11 & L12	CENTERED BETWEEN BEAMS 9 AND 10	



PLAN

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

KAM ENGINEERING, INC.
CONSULTING ENGINEERS
707A Davis Road, Suite 205
Elgin, Illinois 60123-1369

STRAND ASSOCIATES, INC. ENGINEERS
2400 GLENWOOD AVE. SUITE 226
JOLIET, ILLINOIS 60435
(815) 744-6200

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
FAU 2915 (DR. MARTIN LUTHER KING JR. DR.)
OVER FAI 94 (BISHOP FORD FREEWAY)
COOK COUNTY, S.N. 016-2120

DRAWN BY: CSL CHECKED BY: ADO
DATE: 08-31-98 SCALE: N.T.S.

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USER NAME = ALane	DESIGNED -	REVISED -	
	CHECKED -	REVISED -	
PLOT SCALE =	DRAWN -	REVISED -	
PLOT DATE = 8/3/2026	CHECKED -	REVISED -	

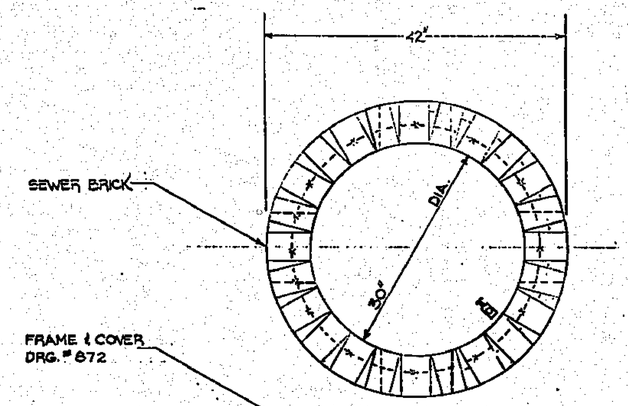
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERPASS LIGHTING DETAILS
STRUCTURE NO. 016-2120
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	25
		CONTRACT NO. 80C69		
		ILLINOIS	FED. AID PROJECT	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-94	1414.3 R	COOK	76	28A
STA. 1+10		TO STA. 1+520		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PLAN
FRAME & COVER REMOVED



COMPLETE COMMODITY CODE NUMBERING SYSTEM				
CODE NO.	MATERIALS	SIZE	QUAN.	
05-6075-5470	STONE ¾" CRUSHED	BAG	5	
05-5082-5330	SONO TUBE	30"	1	
05-5082-5342	SONO TUBE	42"	1	
05-3267-2940	CONC. READI-MIX	CU. YD.	1/2	
05-1452-9720	BRICK, SEWER		24	
02-4299-5524	FRAME, MANHOLE	24"	1	
02-4574-5040	COVER, MANHOLE	24"	1	
09-7796-9312	GROUND ROD	¾"×12'	1	
09-2630-3240	GROUND CLAMP	"	1	
57-0770-0000	REINF. CONC. MESH (6"x6")	36"	5'	

- TO BUILD HANDHOLE LESS THAN 36" MAXIMUM DEPTH, SET INNER AND OUTER FORMS TO DEPTH DESIRED.
- 6" BED OF STONE FOR DRAINAGE.
- ALL METALLIC CONDUITS ENTERING HANDHOLE SHALL EXTEND MINIMUM 1" & MAXIMUM 3" INSIDE INNER WALL AND BE EQUIPPED WITH AN APPROVED TYPE OF THREADED GROUNDING BUSHING.
- OUTER SONO TUBE FORM IS NOT REQUIRED IF SOIL IS FIRM AND SELF SUPPORTING.

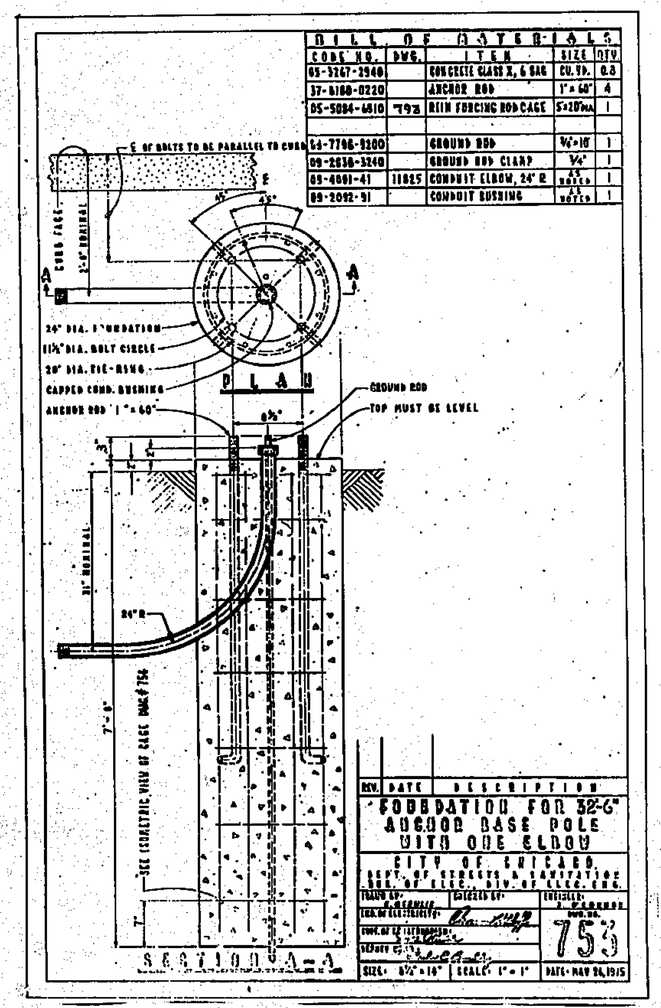
PRE-CAST HANDHOLES STORED AT POLE YARD

A		
	DATE	REVISION

30" DIA.
CONCRETE HANDHOLE

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DRAFTSMAN: CARTER	CHIEF DRAFTSMAN: RESPINO	ENGINEER: TRAMPKA DEBARTOLO
SUPERVISING ENGINEER:	ELEC. DESIGN ENGR.	LOWE. NO.
ENGINEER OF ELECTRICITY:		867
GEN'L. SUPT. OF ELECTRICITY		
DEPUTY COMMISSIONER:		
SIZE: 16"×21"	SCALE: ½"-1"	DATE: 6-13-91



REV.	DATE	DESCRIPTION
		FOUNDATION FOR 32'-6" ANCHOR BASE POLE WITH ONE ELBOW

CITY OF CHICAGO
DEPT. OF STREETS & SANITATION
BUR. OF ELEC. DIV. OF ELEC. ENG.

DRAWN BY: A. ARANDILLA	CHECKED BY:	ENGINEER: J. TRAMPKA
ASST. ENGR. OF ELECTRICITY:		DWG. NO.
ENGR. OF ELECTRICITY:		753
DEPUTY COMMISSIONER:		
SIZE: 8½"×16"	SCALE: 1"=1'	DATE: MAY 24, 1995

FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

HANDHOLE AND FOUNDATION DETAILS
FAU 2915 (DR. MARTIN LUTHER KING JR. DR.)
OVER FAI 94 (BISHOP FORD FREEWAY)
COOK COUNTY, S.N. 016-2120

DRAWN BY: CHECKED BY:
DATE: SCALE:

MODEL: Default
FILE NAME: P:\P-23\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 40\ 80C69\DGN\CADD Sheets\80C69-sht-STD-53.dgn

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1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9500 | F 312.425.9504 | www.infrastructure-eng.com

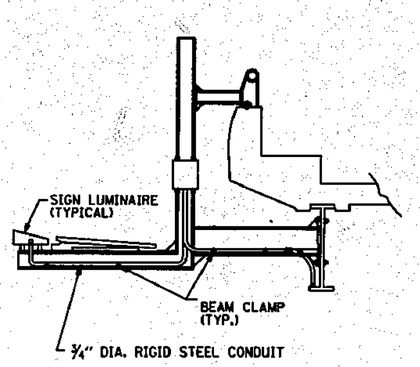
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	CHECKED -	REVISED -
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PLOT DATE = 8/3/2026	CHECKED -	REVISED -

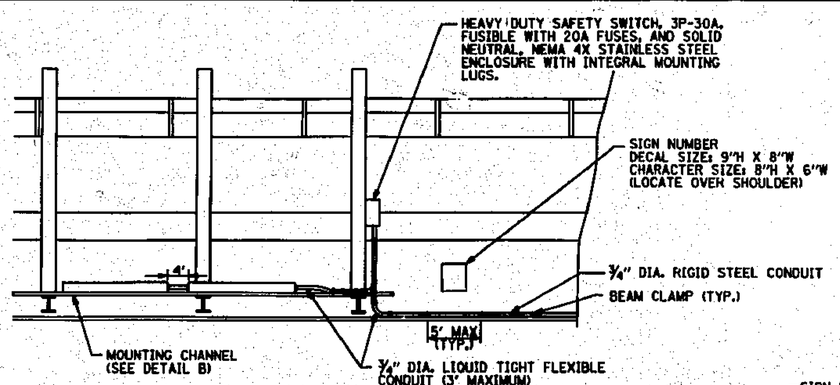
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

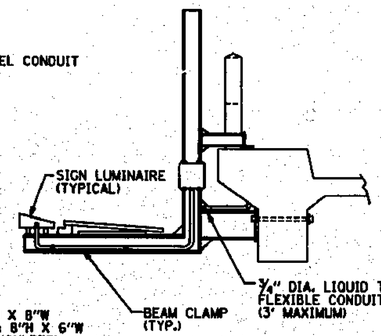
UNDERPASS LIGHTING DETAILS
STRUCTURE NO. 016-2120
SHEET OF SHEETS

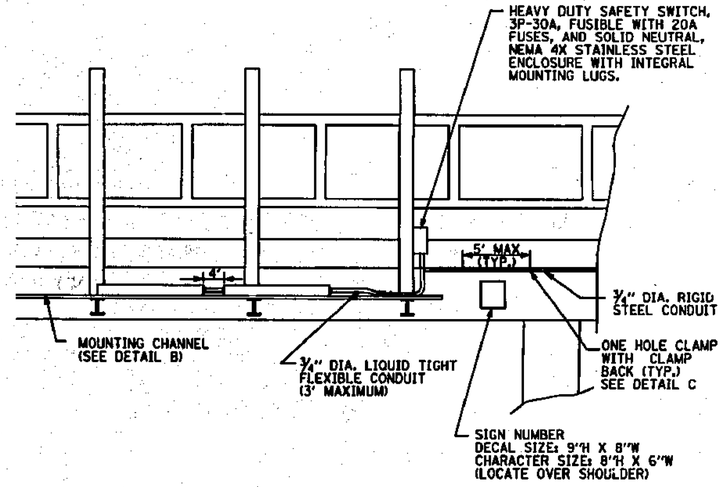
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	26
		CONTRACT NO. 80C69		
		ILLINOIS	FED. AID PROJECT	

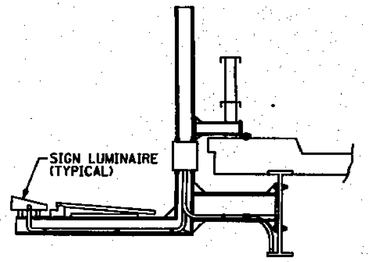
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FAI 94	1414.3 R	COOK	76	29
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

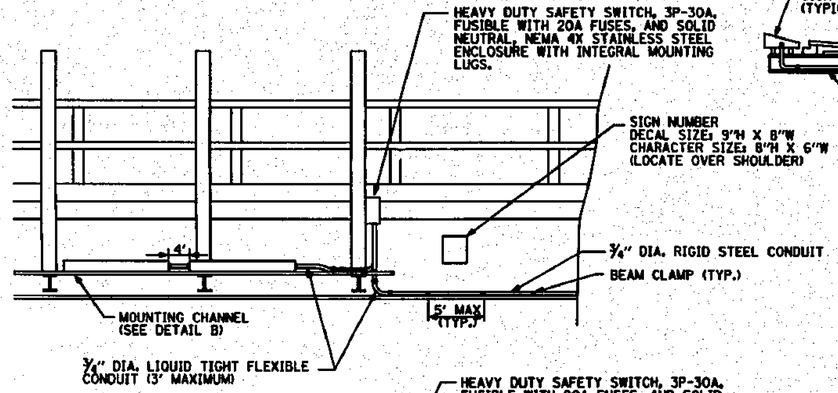


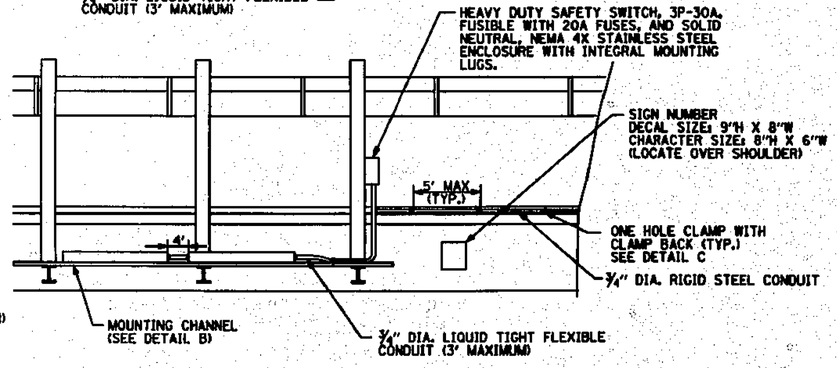


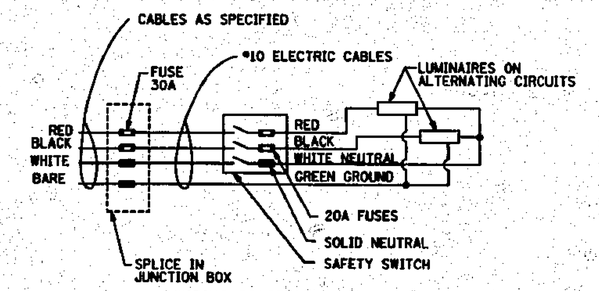




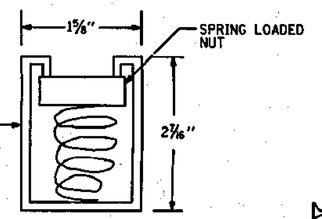








WIRING DIAGRAM



DETAIL B

CONTINUOUS - SLOT MOUNTING CHANNEL GALVANIZED STEEL



DETAIL C

FOR INFORMATION ONLY

REVISION	
NAME	DATE

KAM ENGINEERING, INC.
CONSULTING ENGINEERS
7979 Davis Road, Suite 208
Elgin, Illinois 60123-1369

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAU 2915 (DR. MARTIN LUTHER KING JR. DR.) OVER FAI 94 (BISHOP FORD FREEWAY) COOK COUNTY, S.N. 016-2120

ELECTRICAL CONNECTION TO SIGN STRUCTURE (BRIDGE TYPE)

SCALE
DATE 08-31-98
DRAWN BY:
CHECKED BY:

INFRASTRUCTURE ENGINEERING | INCORPORATED
1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

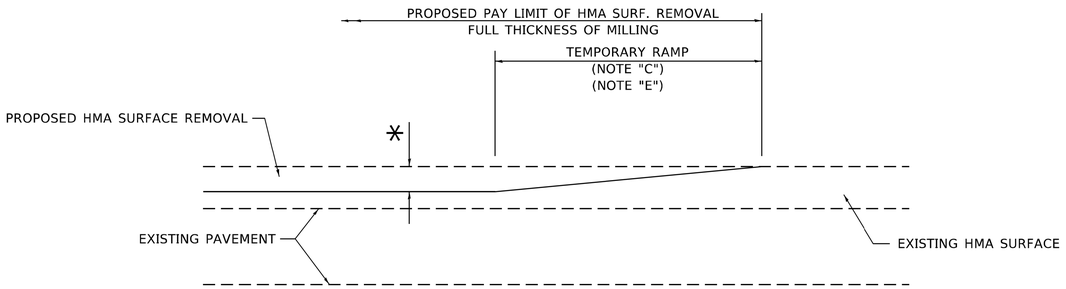
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	CHECKED -	REVISED -	
PLOT SCALE =	DRAWN -	REVISED -	
PLOT DATE = 8/3/2026	CHECKED -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERPASS LIGHTING DETAILS
STRUCTURE NO. 016-2120
SHEET OF SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	(066-1414.4-CF) BJR, BDR 25	COOK	35	27
		CONTRACT NO. 80C69		
	ILLINOIS	FED. AID PROJECT		

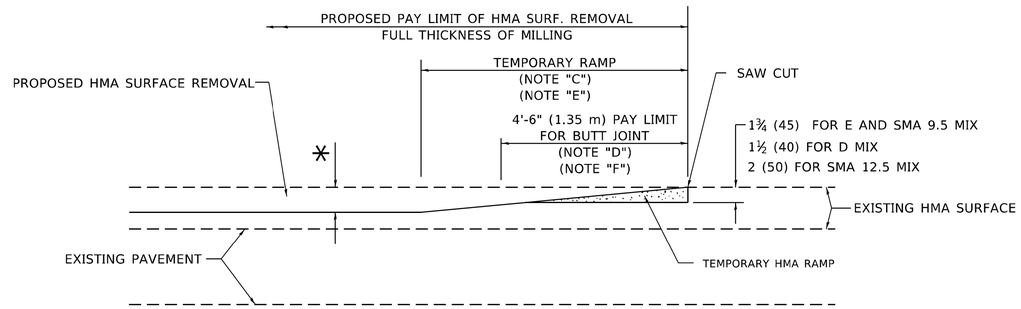
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MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

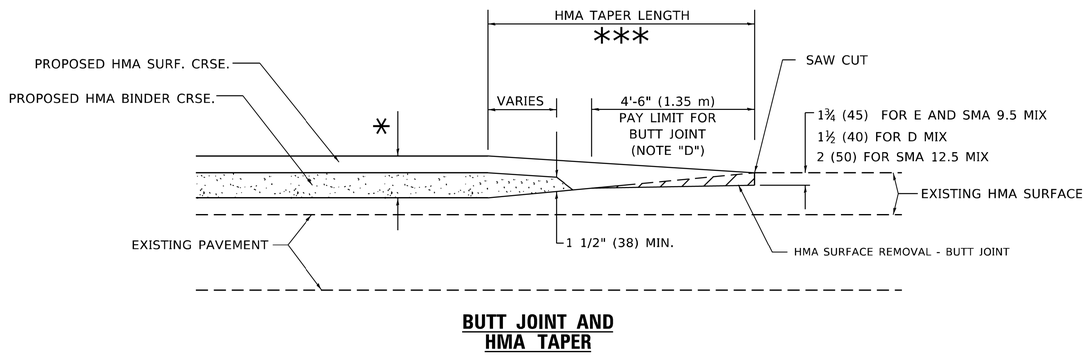


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

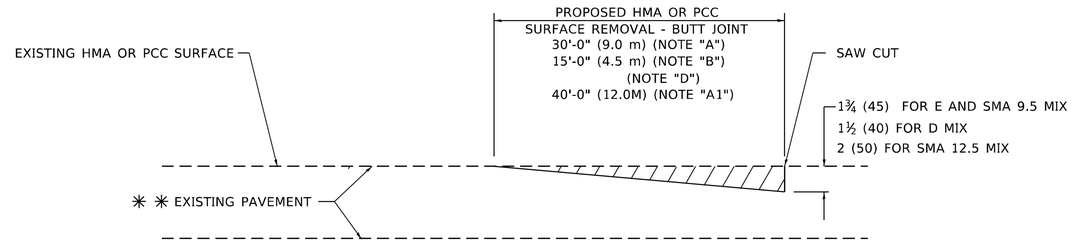
OPTION 2

TYPICAL TEMPORARY RAMP

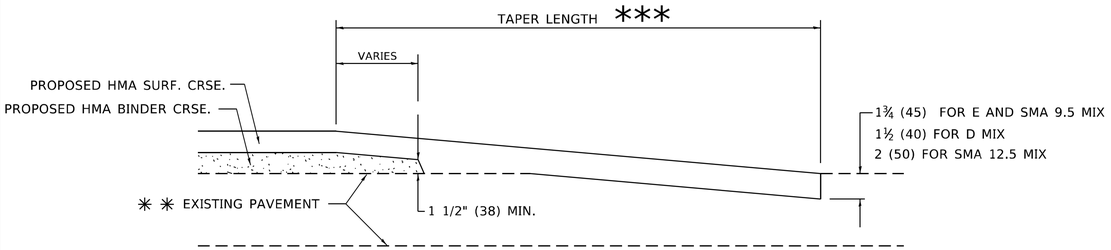


BUTT JOINT AND HMA TAPER

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.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. 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

1. 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".

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

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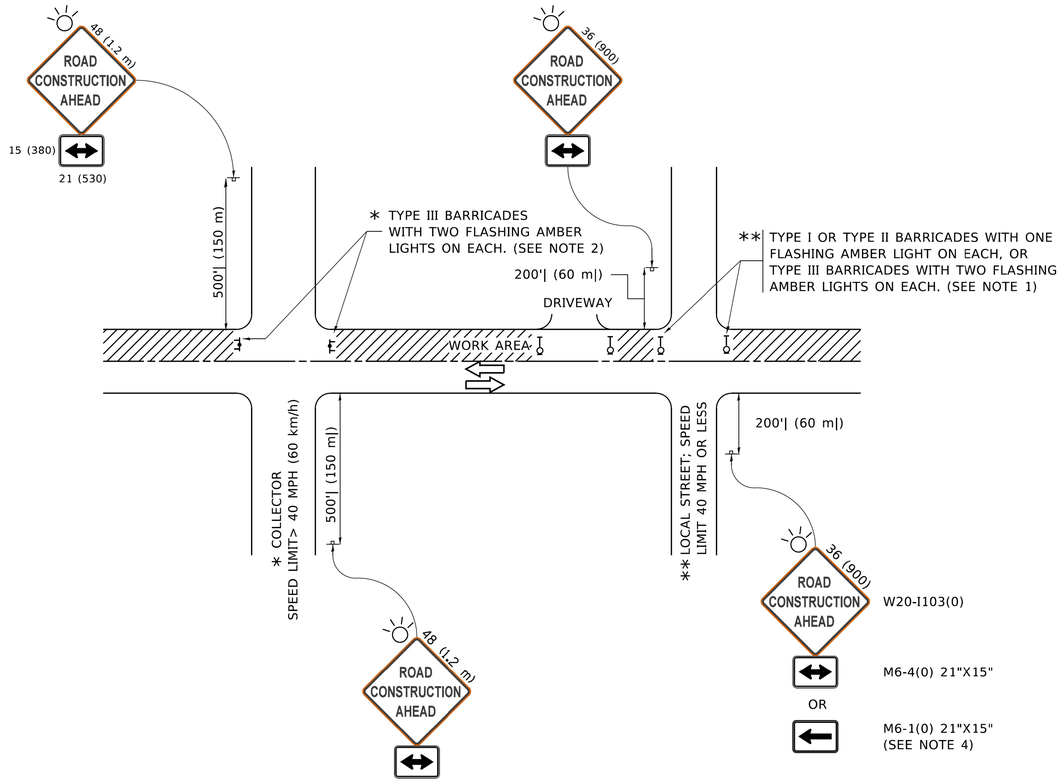
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	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	28
	BD400–05 BD–32	CONTRACT NO. 80C69		
	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) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
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. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE 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.

USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

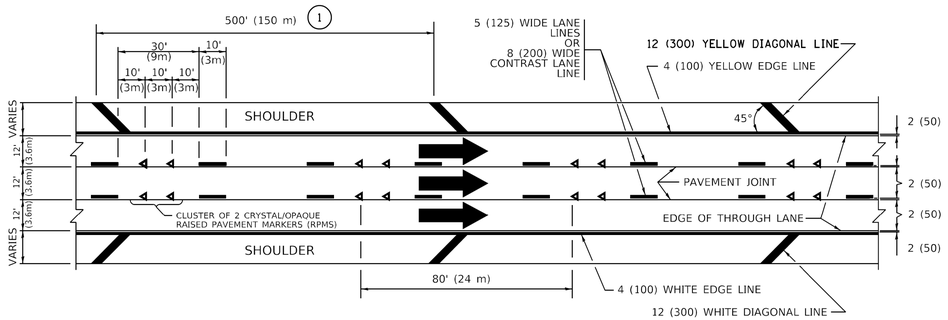
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	29
	TC–10	CONTRACT NO. 80C69		
	ILLINOIS FED. AID PROJECT			

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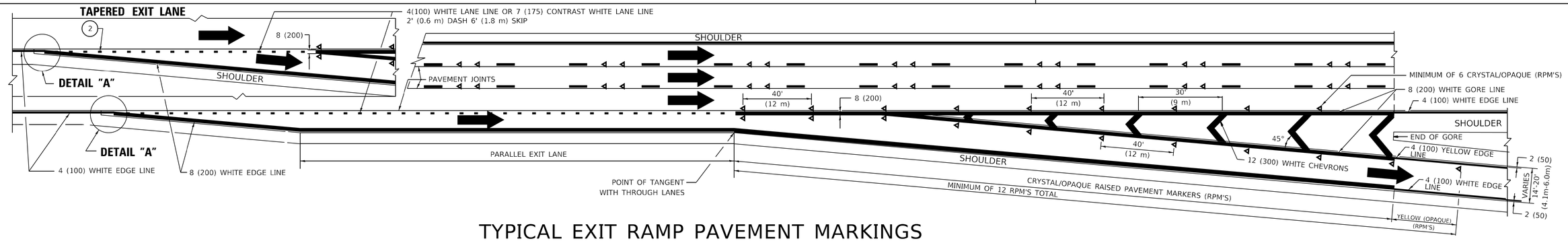
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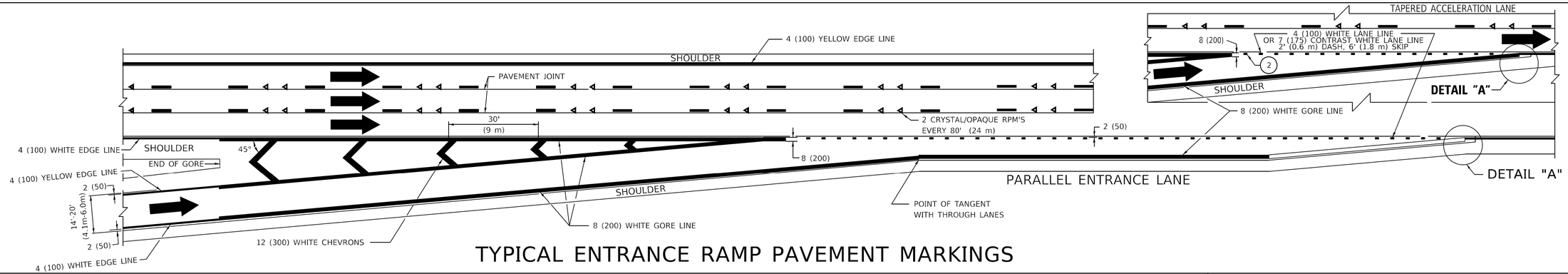
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

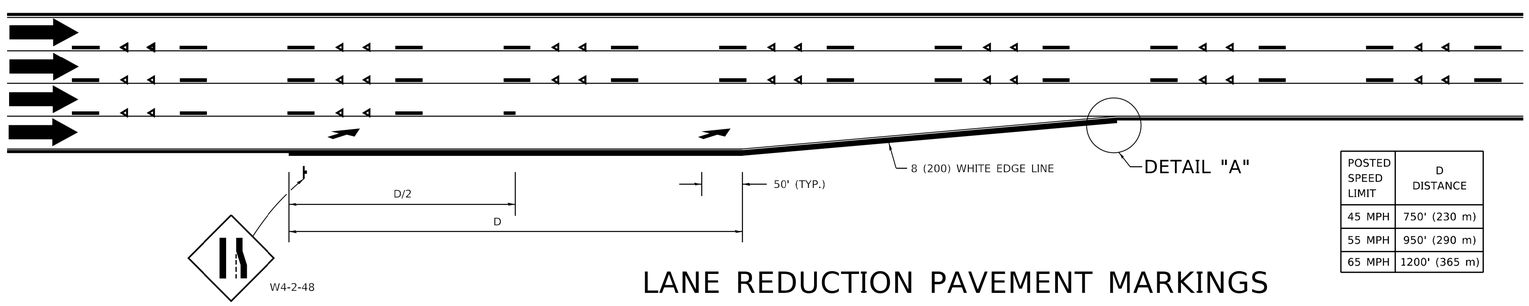
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE D, INLAID OR GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENTS.
4. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON PCC PAVEMENT.



TYPICAL EXIT RAMP PAVEMENT MARKINGS

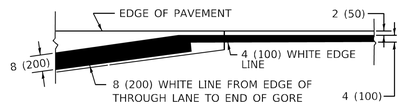


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)

LANE REDUCTION PAVEMENT MARKINGS



DETAIL "A"

NOTES:

1. THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
2. 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

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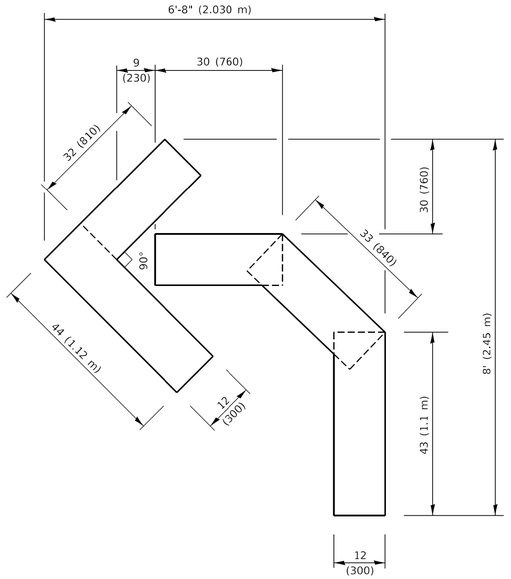
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	DRAWN -	REVISED - M.D. 05-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M.D. 09-17	
PLOT DATE = 11/18/2022	DATE - 01-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MULTI–LANE FREEWAY
PAVEMENT MARKING DETAILS

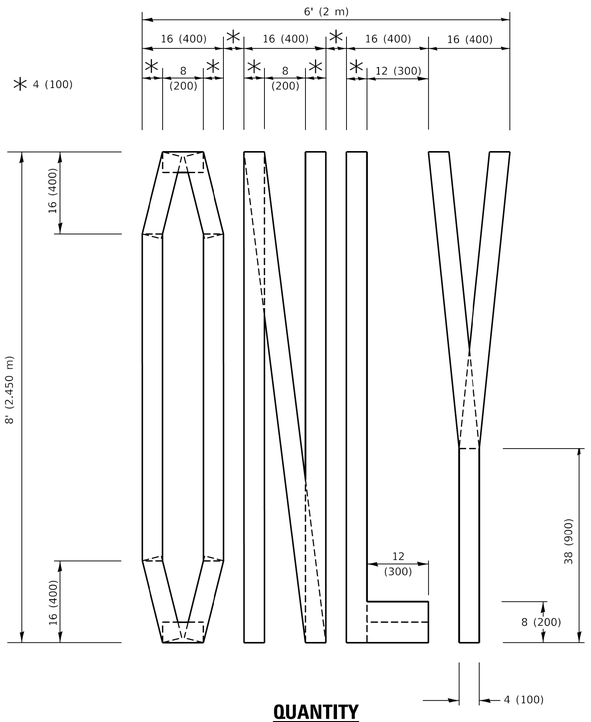
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TC–12	CONTRACT NO. 80C69		
		ILLINOIS	FED. AID PROJECT	



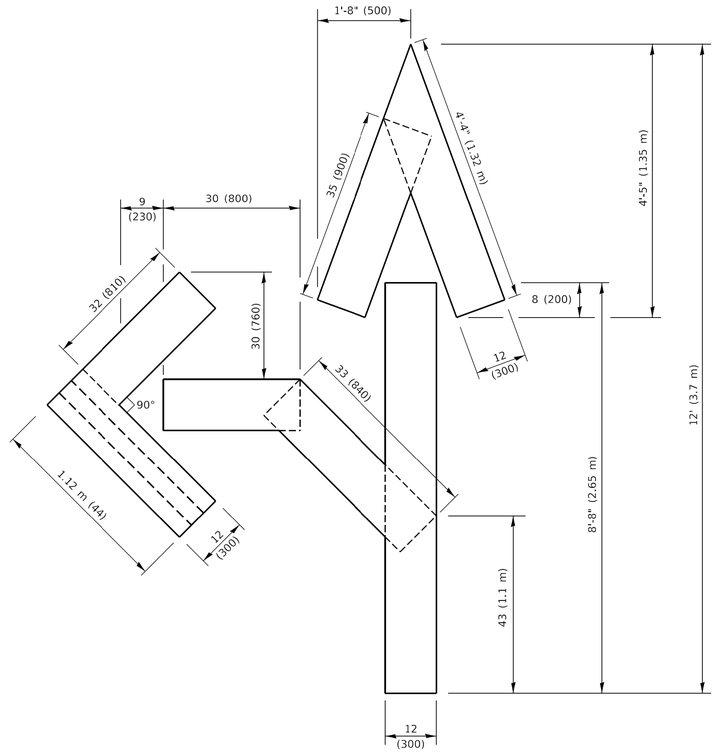
QUANTITY

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



QUANTITY

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

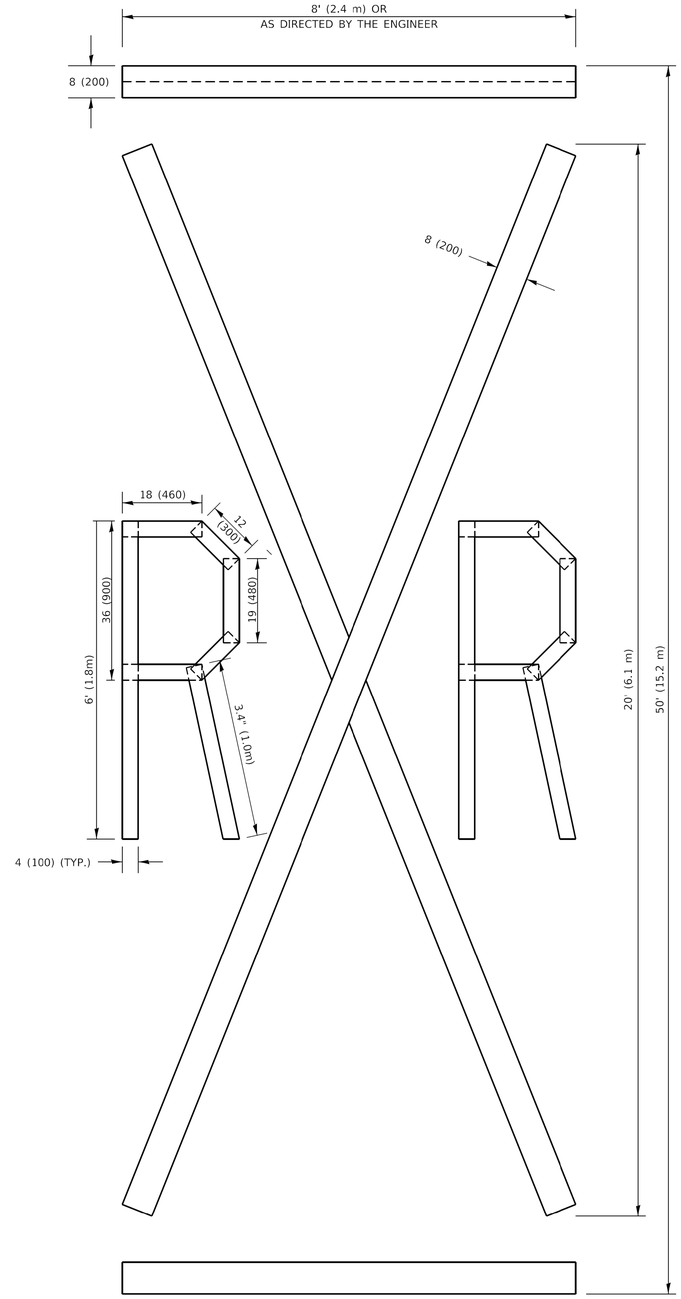


QUANTITY

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



QUANTITY

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

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

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PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

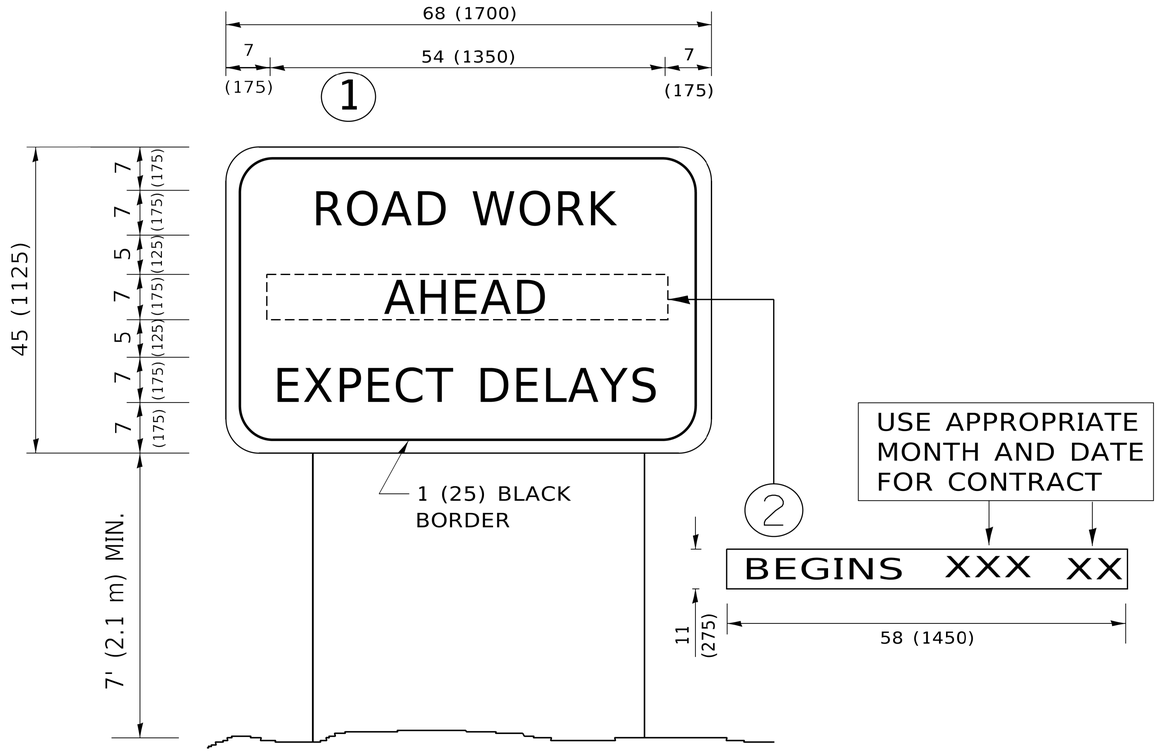
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	31
	TC–16	CONTRACT NO. 80C69		
	ILLINOIS FED. AID PROJECT			

tc16.dgn 3/4/2019 10:37:35 AM User=footemj



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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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07	

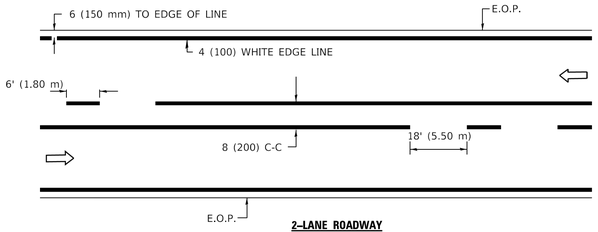
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

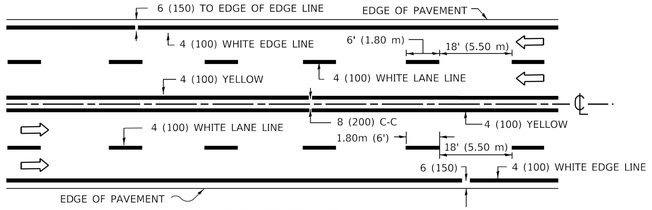
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	32
	TC–22	CONTRACT NO. 80C69		
	ILLINOIS FED. AID PROJECT			

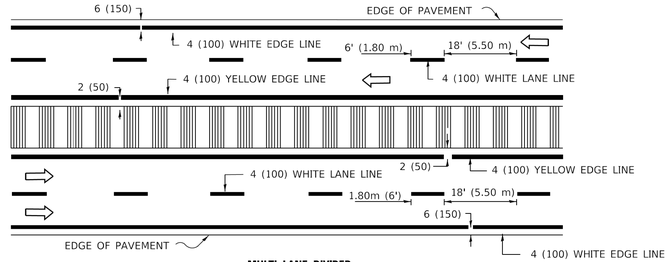
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2–LANE ROADWAY



MULTI–LANE UNDIVIDED

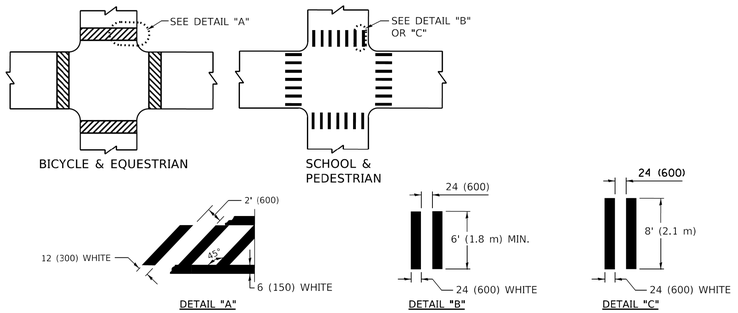


MULTI–LANE DIVIDED

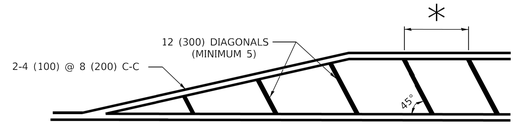
WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



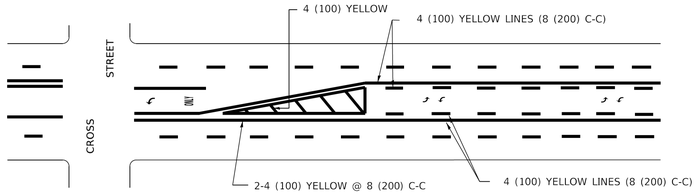
TYPICAL CROSSWALK MARKING



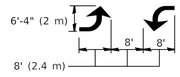
* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

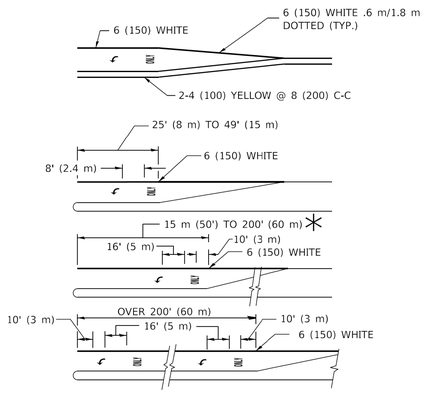


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

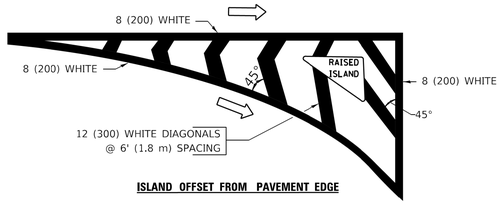


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.8 SQ. FT. (1.47 m²) ONLY AREA = 22.9 SQ. FT. (2.13 m²)

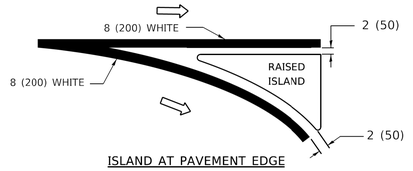
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	 4 (100) 2 @ 4 (100)	 SOLID SOLID	 YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 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) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	 12 (300) @ 45° 24 (600) @ 90°	 SOLID SOLID	 WHITE WHITE	 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°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) 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: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m²) EACH "X"=54.0 SQ. FT. (5.0 m²)

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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

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	DRAWN -	REVISED - K. ENG 02-28-12	
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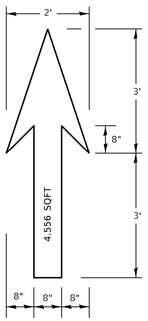
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

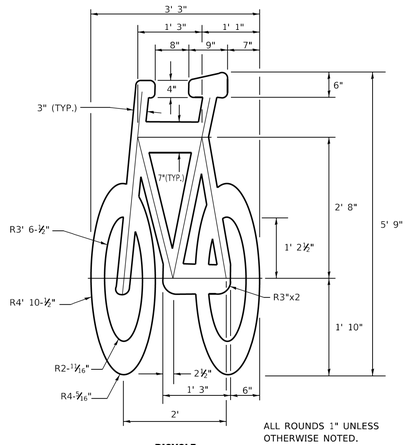
CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	33
	TC–24	CONTRACT NO. 80C69		
	ILLINOIS FED. AID PROJECT			

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BICYCLE LANE SYMBOL

ALL ROUNDS 1" UNLESS OTHERWISE NOTED.

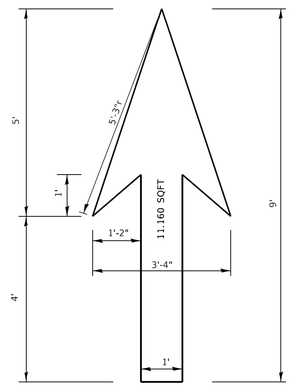
NOTE:

1. FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.

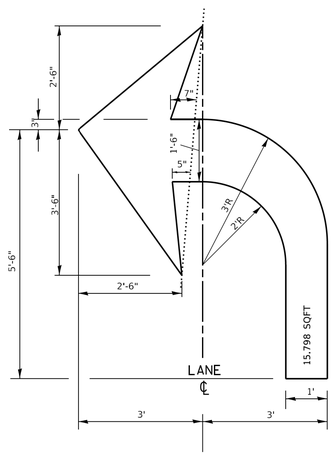
2. THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
DRAWING #28

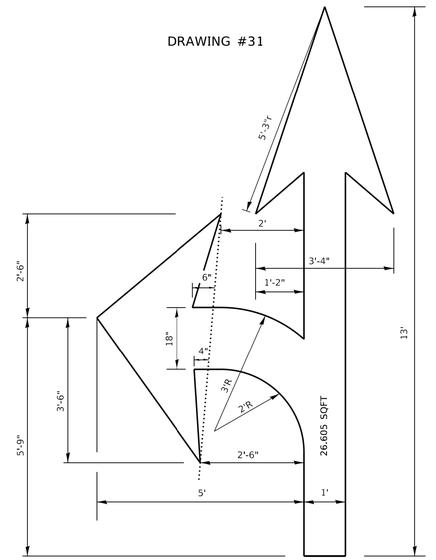
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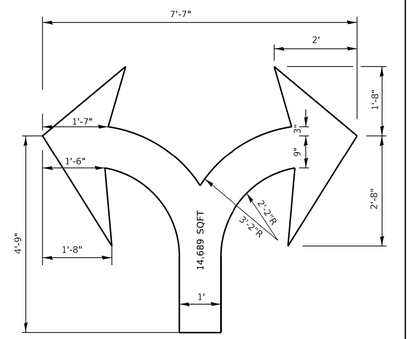
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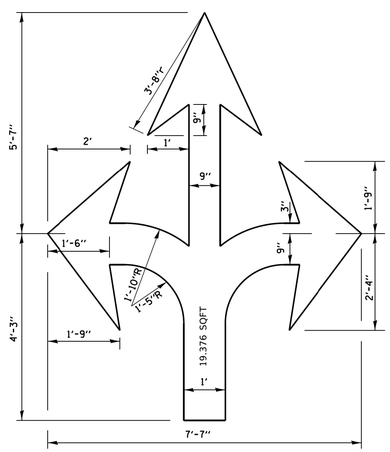
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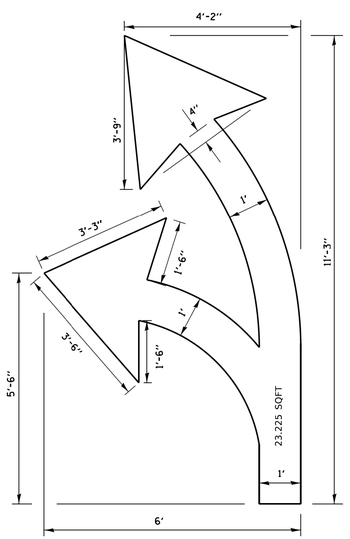
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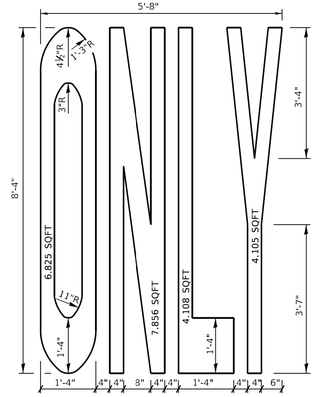
DRAWING #33



DRAWING #34



DRAWING #35



NOTE:

ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

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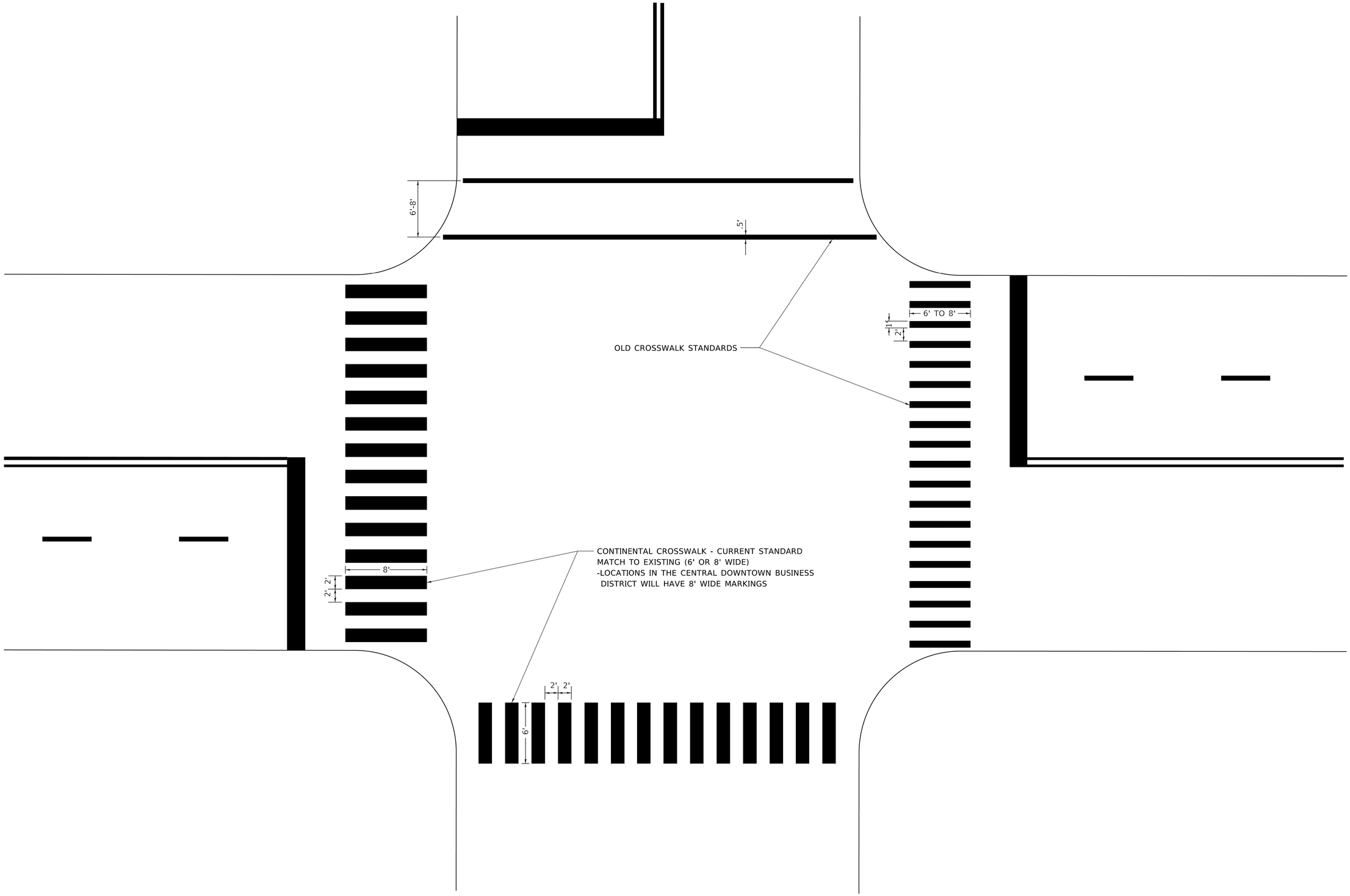
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	34
	TC-24	CONTRACT NO. 80C69		
		ILLINOIS	FED. AID PROJECT	

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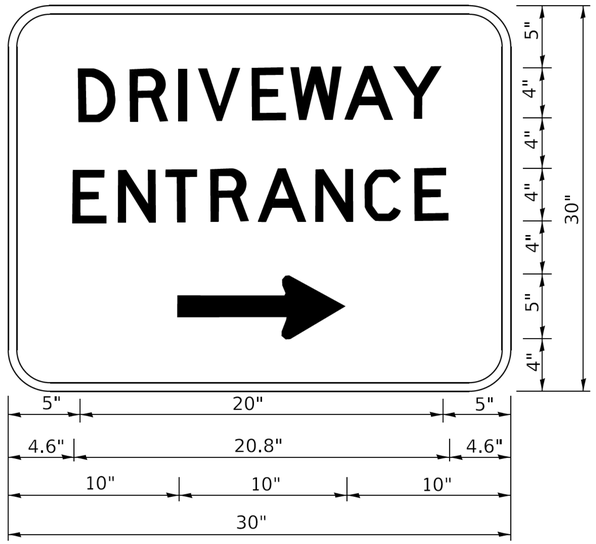
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	35
	TC–24	CONTRACT NO. 80C69		
	ILLINOIS | FED. AID PROJECT			

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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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(066-1414.4-CF) BJR, BDR 25	COOK	35	36
	TC-26	CONTRACT NO. 80C69		
	ILLINOIS FED. AID PROJECT			

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