

HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
202001-01	EARTH MEDIAN DITCH CHECK
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
285001-02	FABRIC FORMED CONCRETE REVETMENT MATS
353001-05	PCC BASE COURSE WITH HMA BINDER AND SURFACES COURSES
406001-06	ENTRANCE RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
406101-05	EXIT RAMP TERMINAL (FLEXIBLE RAMP PAVEMENT ADJACENT TO FLEXIBLE MAINLINE PAVEMENT)
420001-10	PAVEMENT JOINTS
420101-07	24' (7.2m) JOINTED PCC PAVEMENT
420106-07	36' (10.8m) JOINTED PCC PAVEMENT
420111-04	PCC PAVEMENT ROUNDOUTS
420206-13	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420306-11	EXIT RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
420401-13	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420406	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
421201-07	24' (7.2m) CRC PAVEMENT (WITH LUG SYSTEM)
442001-04	CLASS A PATCHES
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482006-03	HMA SHOULDER ADJACENT TO RIGID PAVEMENT
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-06	PCC SHOULDER
515001-04	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542606-02	REINFORCED CONCRETE PIPE TEE
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602106-03	DRAINAGE STRUCTURE, TYPE 4 & 5
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS TYPE 1
604006-05	FRAME AND GRATE TYPE 3
604081-06	FRAME AND GRATE TYPE 22
604101-01	MEDIAN INLET FOR 24" REINFORCED CONCRETE PIPE
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606006-04	OUTLETS FOR CONCRETE CURB AND GUTTER TYPE B-6.24 (B15.60)
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635001-02	DELINEATORS
637006-05	CONCRETE BARRIER, DOUBLE FACED, 44 IN. HEIGHT
639001-02	SIGHT SCREEN PRECAST PRESTRESSED CONCRETE PANEL WALL
642001-03	SHOULDER RUMBLE STRIPS, 16 IN.
643001-02	SAND MODULE IMPACT ATTENUATORS
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701321-19	LANE CLOSURE, 2L, 2W BRIDGE REPAIR WITH BARRIER
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEED > 45 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

HIGHWAY STANDARDS CONT.

701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGN, MARKERS & DELINEATORS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
720021-03	SIGN PANELS EXTRUDED ALUMINUM TYPE
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASH BEACON INSTALL
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

HMA Pavement (Full-Depth), 13" & Temp Pavment

ENTIRE PROJECT

HMA BINDER COURSE

PG 64-22

4.0% @ N90

IL-19.0

112.0 LB/SY/IN

QCP

YES

CORES

ENTIRE PROJECT

HMA SURFACE COURSE

PG 64-22

4.0% @ N90

IL-9.5

MIXTURE D

112.0 LB/SY/IN

QCP

YES

CORES

1

HMA MIXTURE REQUIREMENT TABLE						
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	LOCATIONS WITHOUT MOT TRAFFIC		MOT PRELIM STAGE A
MIXTURE USE(S):	HMA POLY BINDER COURSE MAINLINE	HMA POLY SURFACE COURSE MAINLINE	HMA STABILIZED SUBBASE	SHOULDER (LOWER)	SHOULDER (SURFACE)	SHOULDER (SURFACE)
BINDER GRADE (PG):	SBS PG 70-28	SBS PG 70-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N80	4.0% @ N80	4.0% @ N30	4.0% @ N30	4.0% @ N30	4.0% @ N90
MIXTURE COMPOSITION: (MIXTURE GRADATION)	SMA 12.5	SMA 12.5	IL-19.0L	IL-19.0L	IL-9.5L	IL-9.5
FRICTION AGGREGATE:	MIXTURE E	MIXTURE E				MIXTURE D
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	PFP	PFP	QCP	QCP	QCP	QCP
MatTranDev REQUIRED?	YES	YES	NO	YES	YES	YES
DENSITY TEST METHOD:	CORES	CORES	CORES	CORES	CORES	CORES

MODEL: Can Notes (Sheet)
FILE NAME: 202020200608.10 - IDOT DB&PTB 196 Item 56 k64 Widening04_DrawingsDGN/CAD_Sheets02 Index Of SheetsDB76K74shh.docx.dgn



USER NAME	= rstaley	DESIGNED	- RWS	REVISED	-
		DRAWN	- RWS	REVISED	-
PLOT SCALE	= 0.16666633 ' / in.	CHECKED	- ERB	REVISED	-
PLOT DATE	= 3/19/2025	DATE	- 10/15/24	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. ROUTE 64 (I-64)
HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. 726+72.10 TO STA. 868+92.73

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7WRS-2	ST CLAIR	691	3
		CONTRACT NO. 76K74		
		ILLINOIS	FED. AID PROJECT	

REV. 6-5-2025

STAGE CONSTRUCTION SEQUENCE

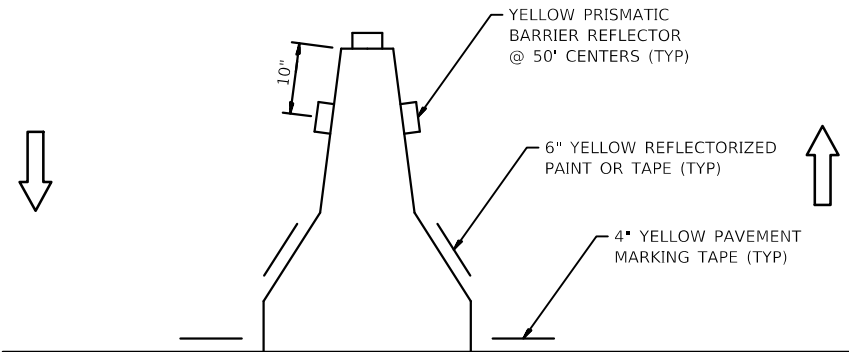
PRELIMINARY STAGE A

- A. UTILIZE NIGHT-TIME OPERATIONS AND INSIDE LANE DROP. TWO-LANE TRAFFIC WILL BE RE-ESTABLISHED AT THE CONCLUSION OF EACH NIGHTLY OPERATION.
- B. MILL & OVERLAY INSIDE SHOULDER PAVEMENT TO REMOVE RUMBLE STRIPS AND TO MAINTAIN CROSS SLOPE FOR SUBSEQUENT STAGE.
- C. REFERENCE STANDARDS 701400, 701401

PRELIMINARY STAGE B

- A. SHIFT TRAFFIC TO TWO INSIDE LANES IN EACH DIRECTION.
- B. MAINTAIN ACCESS TO GREEN MOUNT ROAD RAMPS IN BOTH DIRECTIONS.
- C. PERFORM SHOULDER REPLACEMENT OPERATIONS
- D. REFERENCE STANDARDS 701400, 701402 & 701411.

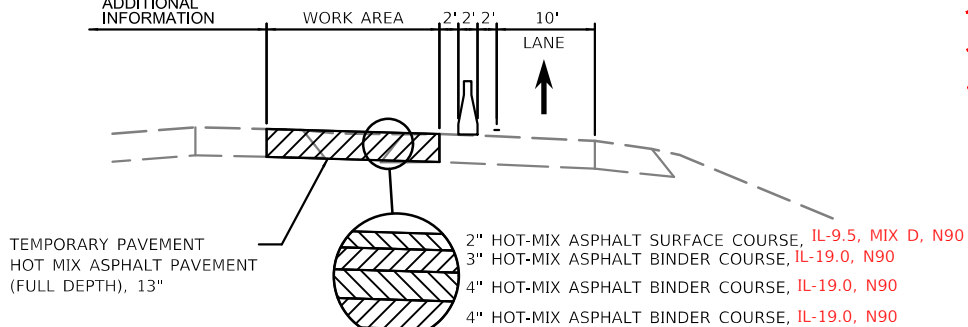
TYPICAL FOR ALL SHEETS



NOTE:
THE COST OF THE REFLECTORS AND THE BARRIER MARKING LINE IS INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER.

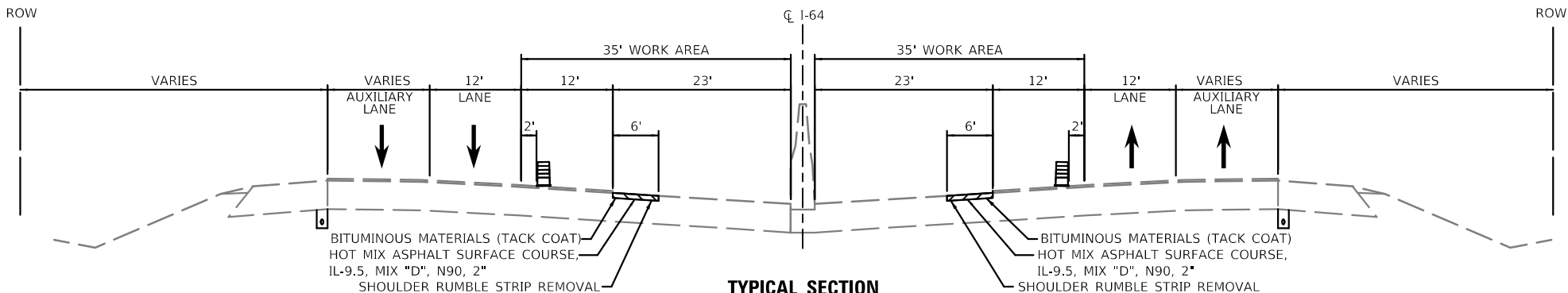
TEMPORARY CONCRETE BARRIER

SEE MAINLINE FOR
ADDITIONAL
INFORMATION



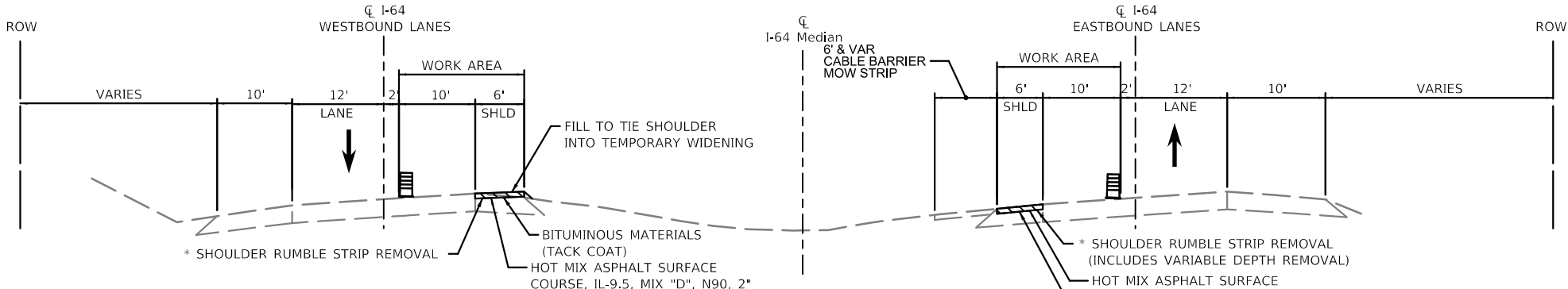
TYPICAL SECTION
RAMP A
PRELIMINARY STAGE B

STA. 5+94.49 TO STA. 13+86.58



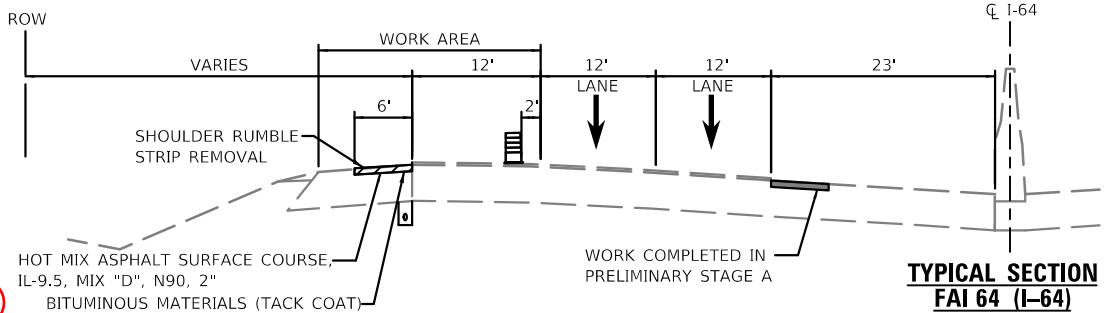
TYPICAL SECTION
FAI 64 (I-64)
PRELIMINARY STAGE A

STA. 716+97 TO STA. 744+91



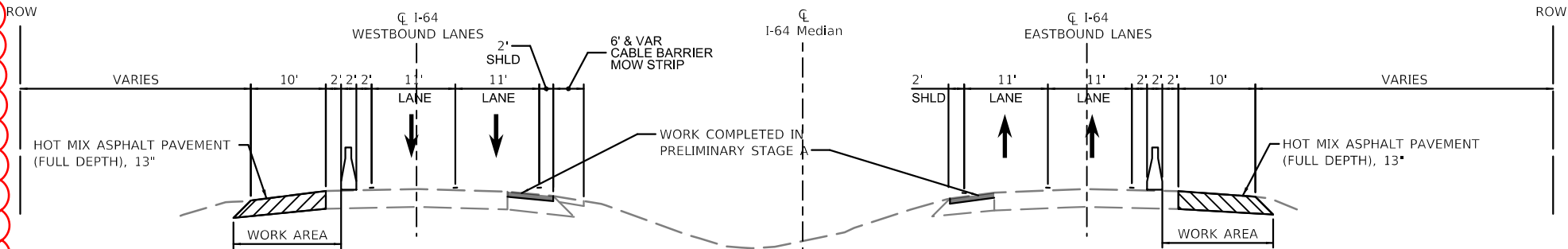
TYPICAL SECTION
FAI 64 (I-64)
PRELIMINARY STAGE A

STA. 744+91.00 TO STA. 858+23.00 (EB)
STA. 744+91.00 TO STA. 860+36.00 (WB)



TYPICAL SECTION
FAI 64 (I-64)
PRELIMINARY STAGE B

STA 731+82 TO SAT 735+68



TYPICAL SECTION
FAI 64 (I-64)
PRELIMINARY STAGE B

STA. 747+70.00 TO STA. 855+58.00 (EB)
STA. 748+85.00 TO STA. 857+82.00 (WB)

* SHOULDER REPLACEMENT EXCEPTION
STA. 757+98 TO STA. 764+63 AND STA. 812+18 TO STA. 819+08 (EB)
STA. 757+01 TO STA. 765+12 AND STA. 812+18 TO STA. 819+08 (WB)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
PRELIMINARY STAGE

SCALE: 20,000' = 1" / in. SHEET 1 OF 27 SHEETS STA. - TO STA. -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-7WRS-2	ST. CLAIR	691	155
CONTRACT NO.			76K74	

ILLINOIS FED. AID PROJECT

EDSI
ENGINEERING DESIGN SOURCE, INC.
3803 Remond Blvd.
Suite 200
Chicago, IL 60634
(800) 333-3333

USER NAME =	DESIGNED - GDO	REVISED -
	DRAWN - GDO	REVISED -
PLOT SCALE = 1:20	CHECKED - JAH	REVISED -
PLOT DATE = 3/19/2025	DATE - 5/01/2024	REVISED -

MODEL: STAGE PLAN
FILE: 82-7WRS-2-StagePlan.dgn

rev. 6-5-2025