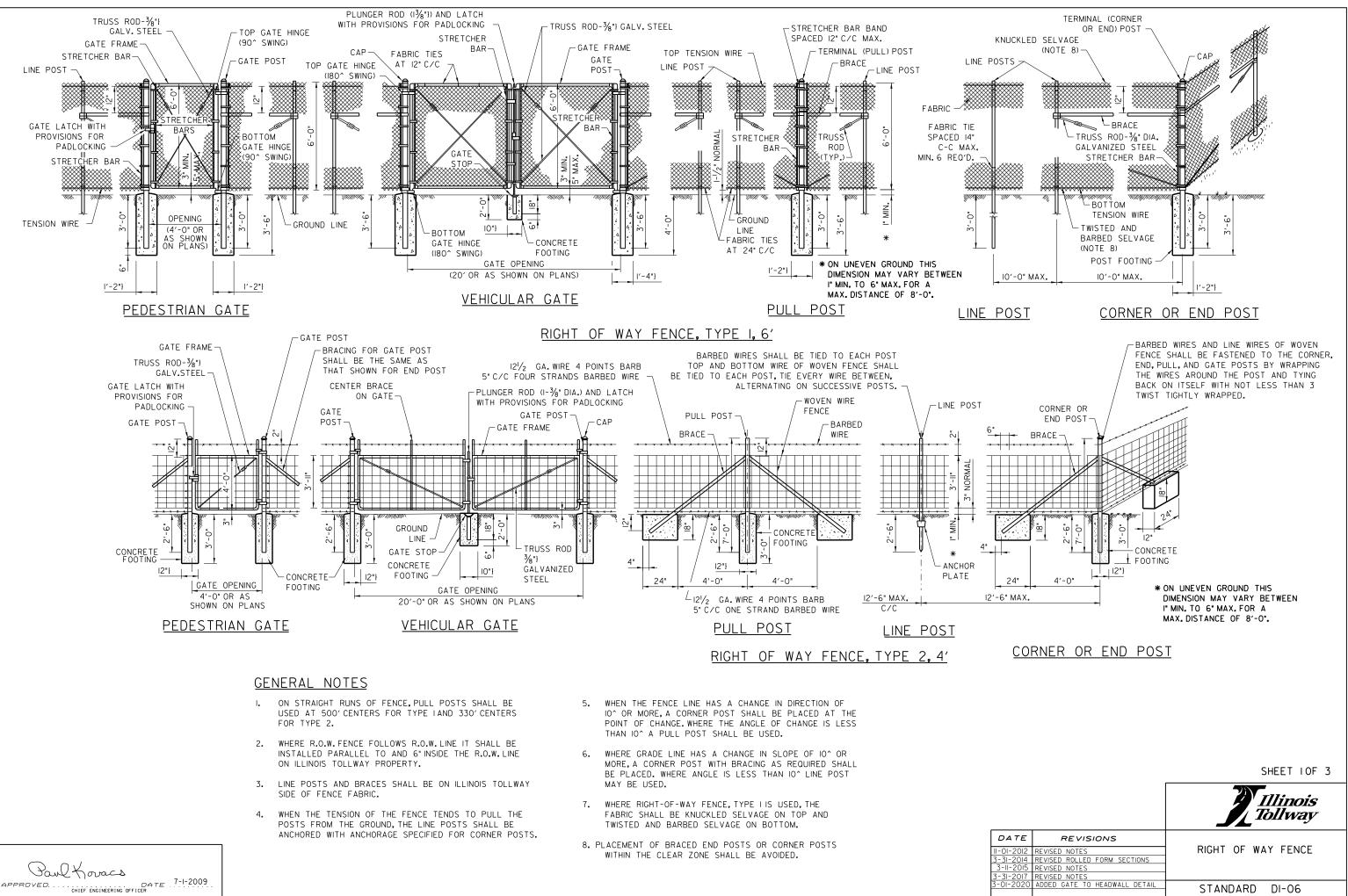
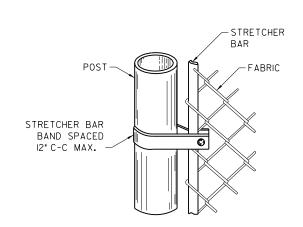
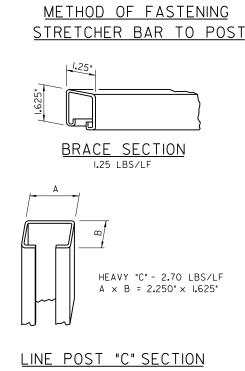
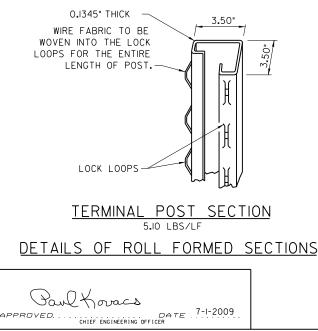
Section D	Roadway App	ourtenances
	Standard	Modification Summary Effective: 03-01-2021
	D5-08	PERMANENT PAVEMENT MARKINGS, MAINLINE
	Sht 1 of 1	Added new detail (Detail A) for Preferential Lane pavement markings.
	DC 00	
	D6-09	PERMANENT PAVEMENT MARKINGS, RAMPS Revised the standard name and relocated the rumble strip detail to standard D7.
	Sht 4 of 4	Added new sheet that shows details for Speed Reduction Pavement Markings at exit loop ramps.
		Speed Reduction markings are placed perpendicular to traffic and have changing spacings.
	D7-00	SHOULDER RUMBLE STRIP DETAILS
	Sht 1 of 1	Included details of mainline rumble strips from standard D6.
		Added detail showing placement of rumble strips in 16' preferential lanes on left shoulder.
	D10-01	TEMPORARY CONCRETE BARRIER WITH CROSS-BOLT CONNECTION
	Sht 1 of 2	Leave-out blocks added to elevation view-end, and leave-out block labels to plan view.
	Sht 1 of 2	Leave-out block tolerance added.
	L	
		New Sheet Retired Standard

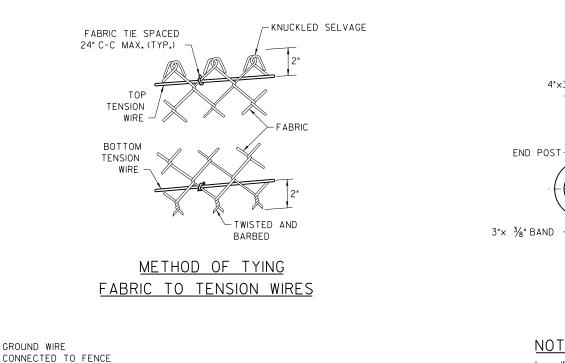


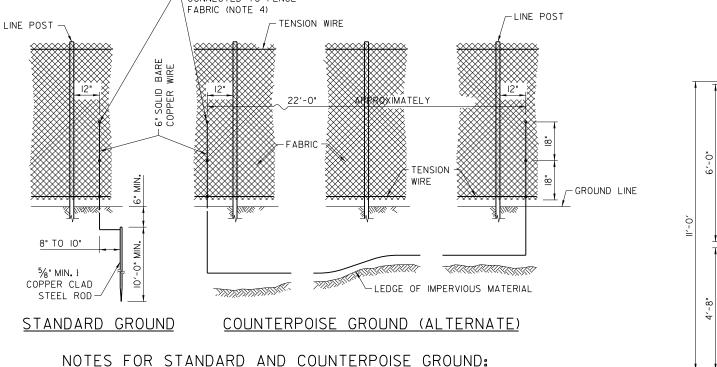


STRETCHER BARS SHALL BE GALVANIZED FLAT STEEL BAR NOT LESS THAN  $\frac{1}{4}$ " x  $\frac{3}{4}$ " and the stretcher BAR BANDS SHALL BE GALVANIZED FLAT STEEL BAR NOT LESS THAN 1/8"× I" WITH A 3/8" GALVANIZED CARRIAGE BOLT.







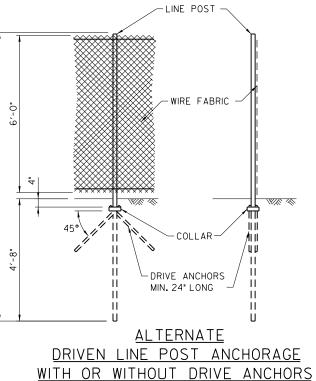


#### THE INTERVALS FOR GROUNDING CONTINUOUS FENCING SHALL NOT EXCEED 500 FEET IN URBAN AREAS AND 1000 FEET IN RURAL AREAS. FENCE ADJACENT TO A GATE SHALL BE GROUNDED A MAXIMUM DISTANCE 100

GROUND WIRE

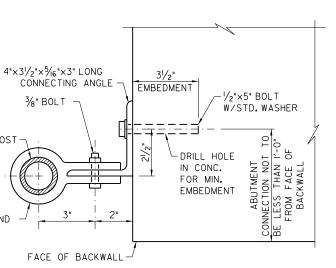
- FEET EACH SIDE OF THE GATE. 2. FENCE CROSSING UNDER A POWER LINE SHALL BE GROUNDED, ONCE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE AT 25 TO 50
- FEET AWAY. FENCE LOCATED DIRECTLY UNDER A TELEPHONE WIRE OR CABLE CROSSING SHALL HAVE A SINGLE GROUND.
- COUNTERPOISE GROUNDS SHALL BE USED AT LOCATIONS WHERE GROUND 3. RODS CAN NOT BE DRIVEN DUE TO IMPERVIOUS EARTH MATERIALS.
- THE GROUND WIRES SHALL BE CONNECTED TO FENCE FABRIC AND GROUND 4. ROD BY STAINLESS STEEL BOLTS AND WASHERS. THE LOWER CONNECTION OF THE GROUND WIRE SHALL BE MADE TO THE BOTTOM TENSION WIRE.

ELECTRICAL GROUNDING DETAILS



## NOTE FOR FENCE POST:

ALTERNATE DRIVEN LINE POST ANCHORAGE IS OPTIONAL. DRIVEN LINE POST ANCHORAGE WITHOUT DRIVE ANCHORS MAY BE USED IN AVERAGE TO GOOD SOIL CONDITIONS. WHEN SOIL IS WEAKER (Qu < 1.25 TONS/ SQ. FT.) AND STABILITY OF THE POST IS QUESTIONABLE, DRIVE ANCHORS SHALL BE USED. TYPES, SHAPES, DIMENSIONS AND COATING REQUIREMENTS OF DRIVE ANCHORS (ANCHOR BLADES AND COLLARS) FOR DIFFERENT TYPE OF POSTS SHALL BE AS RECOMMENDED BY THE MANUFACTURER.



## ABUTMENT CONNECTION DETAIL

### NOTES FOR ABUTMENT CONNECTION:

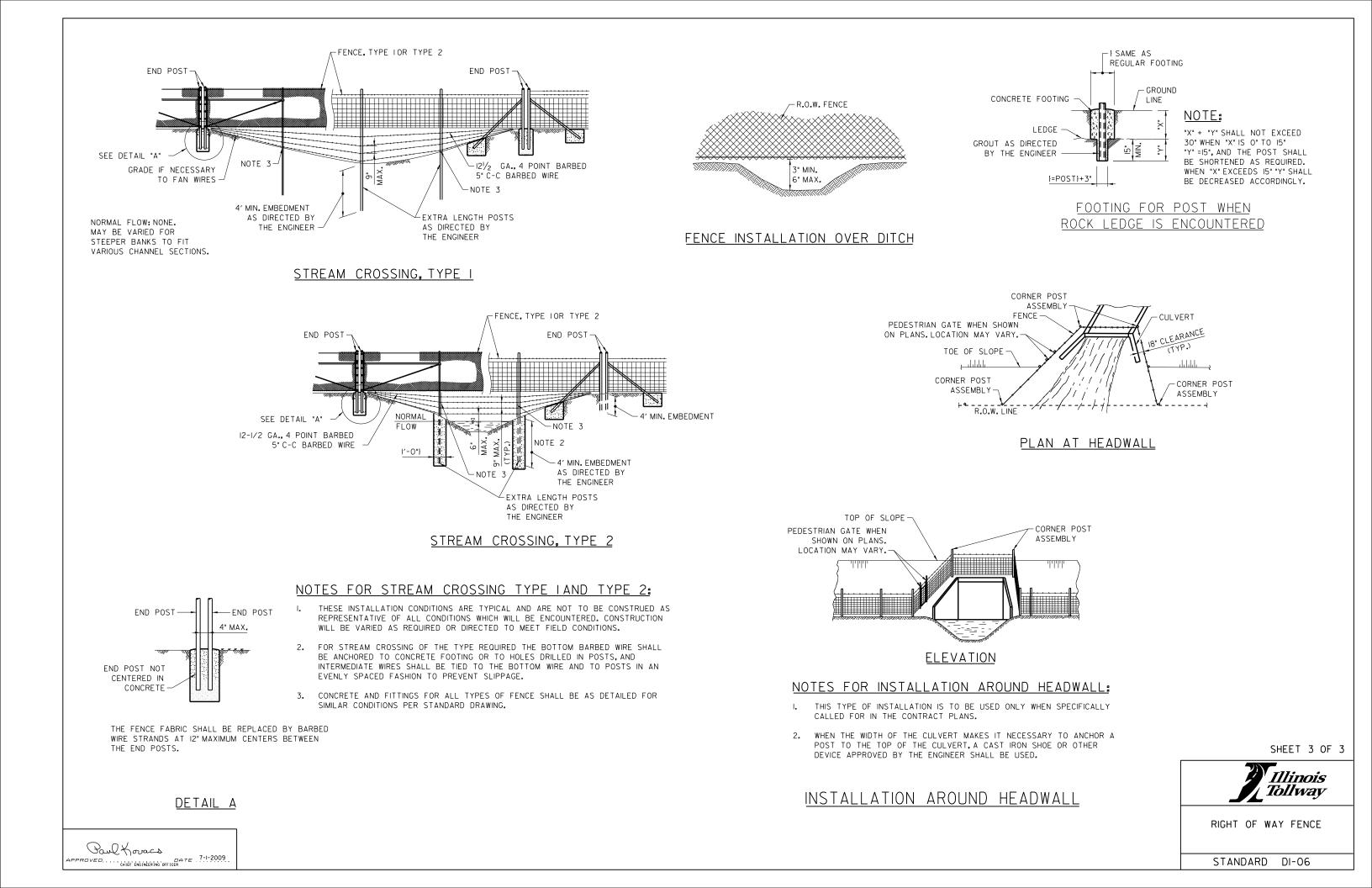
WHEN ROLL FORMED SECTION IS USED IN LIEU OF PIPE AS END POST, THE POST SHALL BE BOLTED DIRECTLY TO THE ABUTMENT WALL WITH 21/2" × 5" BOLTS WITH STANDARD WASHERS MEETING THE APPROVAL OF THE ENGINEER.

SHEET 2 OF 3

Illinois Tollway

RIGHT OF WAY FENCE

STANDARD DI-06



CLEARNO & GACANO LIMITS CONSTRUCTION JOINT #/2004EL BARS. CONSTRUCTION JOINT #/2004EL BARS. CONSTRUCTION JOINT #/2004EL BARS. CATILEVER SIDA STRUCTURE CONSTRUCTION FOR TRUCTURE CONSTRUCTION FOR TRUCTURE		<u>EXISTING</u>	PROPOSED		EXISTING	PROPOSED	
Image: State	=	+	_ <del></del>	CONSTRUCTION JOINT W/DOWEL BARS			
Image: Intervent sites and sector a		$\boxtimes$	$\boxtimes$	BENCHMARK			DIVERSION DIKE
Import       Import       COURSE COLUMN CROWNER MOUNTED SIGN       Import       Server trade could with count mounted sign       Import		0	0	CANTILEVER SIGN STRUCTURE	~~~~	<b>→→</b>	DRAINAGE PATH
IT TO DECIDE COLUME				BUTTERFLY SIGN STRUCTURE			
BODECTION-STORE     BODECTION-STORECTION-STORE     BODECTION-STORE     BODECTION-STORE     BODECTION-				DOUBLE COLUMN GROUND MOUNTED SIGN			
Image: And Dutling in the sign should be an intervention of the sign of				SINGLE COLUMN GROUND MOUNTED SIGN			
CETT     CETT     CETT     FILLER       UIDICIU     IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				SPAN TYPE SIGN STRUCTURE		$\bigotimes$	
D000000000000000000000000000000000000		$[0 \ 0 \ 0]$		TRIPLE COLUMN GROUND MOUNTED SIGN		DB	DEWATERING BASIN
DRAINAGE AND UTILITY ITEMS: ROADWAY LIGHTING AND SIGNS       Image: the table of ta				RUMBLE STRIP			FILTER FABRIC INLET PROTECTION, BASKET TYPE
EXISTING       PROPOSED       -FB       FLOTATION BOOM         Image: Construction of the Academic of the	DRAINAGE	AND UTILITY	ITEMS: ROADW	AY LIGHTING AND SIGNS			
Image: Construction item         Image: Co						— FB —— FB —	FLOTATION BOOM
CABLE IN DUCT W/O GROUND     Image: Cable in Duct w/o GROUND       CABLE IN DUCT W/O GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Duct w/o GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Duct w/o GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Duct w/o GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Duct w/o GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Duct w/o GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Duct w/o GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Duct w/o GROUND     Image: Cable in Duct w/o GROUND       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG     Image: Cable in Conduit TaG       Image: Cable in Conduit TaG <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>INITIAL CONSTRUCTION ITEM</td>							INITIAL CONSTRUCTION ITEM
Image: Construction of the construc	_						
Image: Construction of the constru		_\_ <b>&gt;</b>   <b>-</b> \	_\_ <del>= =</del> \	LOW POINT		+	TEMPORARY ROCK CHECK DAM
Pipe cultures       Pipe cultures       Pipe cultures       Duarry       Duarry       Stream       SWAMP       Cable or conduit tag       SWAMP       Cable or conduit tag       Stream       Stream       SWAMP       Cable or conduit tag       Stream       Stream <td>-</td> <td>P</td> <td></td> <td>OVERHEAD ELECTRICAL</td> <td></td> <td></td> <td></td>	-	P		OVERHEAD ELECTRICAL			
LAKE OR POND       OUARRY       SEDIMENT BASIN         STREAM       STREAM       SILT FENCE         SWAMP       SILT FENCE       STREAM         CABLE OR CONDULT TAG       STABILIZED CONSTRUCTION ENTR         Image: Comparing the stabilized construction entre       STABILIZED CONSTRUCTION ENTR         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized construction entre       STORE OUTLET STRUCTURE         Image: Comparing the stabilized con	-						TEMPORARY DITCH CHECK
Image: Construction of the construc	-						
STREAM     STREAM     SEDIMENT BASIN       SWAMP     SILT FENCE       A     CABLE OR CONDUIT TAG       CABLE OR CONDUIT TAG     STABILIZED CONSTRUCTION ENTR       CD     LD     LIGHT-DUTY BOX       CD     LD     LIGHT-DUTY BOX       CO     ROADWAY LUMINAIRE     STREAM DIVERSION       STREAM     STREAM DIVERSION       STREAM     STREAM DIVERSION       TEMPORARY PIPE SLOPE DRAIN     TEMPORARY PIPE SLOPE DRAIN       TEMPORARY STREAM DIVERSION     TEMPORARY STREAM DIVERSION       TEMPORARY STREAM DIVERSION     TEMPORARY STREAM CROSSING       CO     WATER POINT       W     WATER MAIN VALVE VAULT       W     WATER WELL							
A       CABLE OR CONDUIT TAG       SSF-       SUPER SILT FENCE         E       ELECTRICAL MANHOLE       Image: Stabilized construction entrest structure         CLD       LD       LIGHT-DUTY BOX       STONE OUTLET STRUCTURE         A       A       Steel Tower       Stream Diversion         Image: Stream Diversion       Stream Diversion       Stream Diversion         Image: Stream Diversion       Stream Crossing       Image: Stream Crossing         Image: Stream Version       Image: Stream Crossing       Image: Stream Crossing         Image: Stream Version       Image							SEDIMENT BASIN
Image: State Production of the		* * * * * * *	$\frown$	SWAMP		<del></del>	SILT FENCE
Image: Description of the second s		<b>5 -</b> 1		CABLE OR CONDUIT TAG		SSF-	SUPER SILT FENCE
SEDIMENT TRAP   STREAM DIVERSION   STREAM DIVERSION   TEMPORARY PIPE SLOPE DRAIN   TEMPORARY RIPRAP   TEMPORARY RIPRAP   TEMPORARY SWALE   TEMPORARY SWALE   Image: Stream diversion   Image: Stream dive		ιEj	E	ELECTRICAL MANHOLE			STABILIZED CONSTRUCTION ENTRA
Image: Construction       Image: Construction<		[]LD	LD	LIGHT-DUTY BOX			
Image: Constraint of the second o		$\sim \sim \times$	•	ROADWAY LUMINAIRE			
Image:			$\bowtie$	STEEL TOWER			TEMPORARY RIPRAP
Image: Constraint of the point     Image: Constraint of the point     Image: Constraint of the point       Image: Constraint of the point     Image: Constraint of the point     Image: Constraint of the point       Image: Constraint of the point     Image: Constraint of the point     Image: Constraint of the point       Image: Constraint of the point     Image: Constraint of the point     Image: Constraint of the point       Image: Constraint of the point     Image: Constraint of the point     Image: Constraint of the point       Image: Constraint of the point of		ĒĒ	T	TELEPHONE MANHOLE	$\frown$	- <del>/~</del> TS-/ <del>~</del>	
WATER POINT     WATERMAIN VALVE VAULT       W     WATERMAIN VALVE VAULT       W     WATER WELL				UNDERPASS LUMINAIRE	$\bigcirc$	,TR,	
W     WATER WELL			_	WATER POINT		$\bigcirc$	TREE PROTECTION
			W	WATERMAIN VALVE VAULT			TEMPORARY STREAM CROSSING
WOOD POLE		$\bigcirc$ <sup>w</sup>	•"	WATER WELL			
		$\otimes$	•	WOOD POLE			

# CAPING ITEMS

# <u>EXISTING</u>



















OVER SEEDING CLASS B1 OVER SEEDING CLASS B2 SEEDING CLASS A1

EROSION CONTROL BLANKET

SEEDING CLASS A2

SEEDING CLASS A3

SEEDING CLASS A4

SEEDING CLASS A5

SEEDING CLASS A6

SEEDING CLASS D1

SODDING (SALT TOLERANT)

TEMPORARY GROUND COVER

TURF REINFORCEMENT MAT

SHEET 1 OF 3



SYMBOLS AND PATTERNS

DATE	REVISIONS
7-01-2009	REVISED SYMBOL & PATTERNS
11-01-2012	ADDED NEW SYMBOLS
	ADDED NEW SYMBOL
3-31-2016	UPDATED DITCH CHECK SYMBOL

STANDARD D2-04

## ELECTRICAL AND MECHANICAL ITEMS

### <u>EXISTING</u>







# <u>PROPOSED</u>

A	COMPRESSED AIR (A)
AR	ACID RESISTANT WASTE OR DRAIN
ARV	ACID RESISTANT VENT
DS	STORM SEWER (DOWNSPOUT)
C	GAS LINE
——— нс ———	HOT GAS BYPASS LINE (HG)
——— ннwR ———	HEATING HOT WATER RETURN (HHWR)
———— HHWS ————	HEATING HOT WATER SUPPLY (HHWS)
IA	DRY COMPRESSED AIR (IA-INSTRUMENT AIR)
P	PROCESS WATER ("P" WATER) LINE
PW	PROTECTED WATER OR PLANT WATER (PW)
RD	REFRIGERANT DISCHARGE LINE (RD)
RS	REFRIGERANT SUCTION LINE (RS)
v	VENT LINE (V)

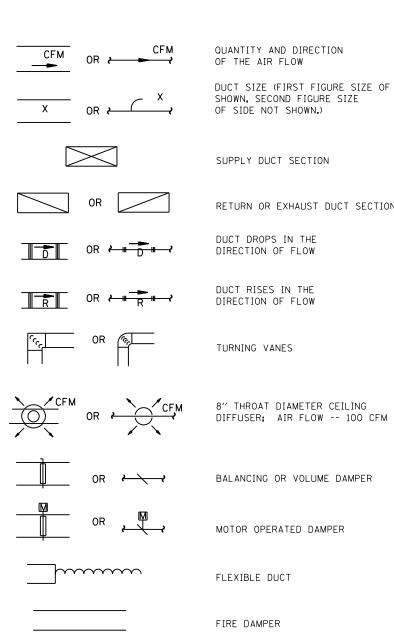
SHEET 2 OF 3

Illinois | Tollway

SYMBOLS AND PATTERNS

ALL SYMBOLS AND PATTERNS ON THIS DRAWING ARE PROPOSED UNLESS OTHERWISE NOTED.

STANDARD D2-04









Paul Koracs

APPROVED CHIEF ENGINEER DATE 7-1-2009

RETURN OR EXHAUST DUCT SECTION

8" THROAT DIAMETER CEILING DIFFUSER; AIR FLOW -- 100 CFM

BALANCING OR VOLUME DAMPER

MOTOR OPERATED DAMPER

SOUND ATTENUATOR

ZONE DAMPER

FLEXIBLE CONNECTION AT FAN OR EQUIPMENT

EXTRACTOR

ELECTRICAL AND MECHANICAL ITEMS

<u> </u>	DR K T	SPLITTER DAMPER
	B	PLUG VALVE WITH MEMORY STOP (BALANCING)
	DR1	PLUG VALVE
	R	SOLENOID VALVE
	函	TEMPERATURE CONTROL VALVE
	密	THREE-WAY TEMPERATURE CONTROL VALVE DIAPHRAGM
		THREE-WAY TEMPERATURE CONTROL VALVE TOP VIEW
	<sup>∆</sup>	PRESSURE REDUCING VALVE (NOS = INITIAL AND FINAL PRESSURE - PSIG)
	PRV	AIR PRESSURE REDUCING STATION (NO. CORRESPONDS WITH AIR PRESSURE REDUCER SCHEDULE)
	₩ %	SAFETY VALVE (NOS. = PRESSURE SETTING - PSIG)
	Х <sub>ј</sub>	FLOAT OPERATED VALVE
	00 XH	QUICK COUPLING (QC)
		HORIZONTAL UNIT HEATER (NO. CORRESPONDS WITH UNIT HEATER SCHEDULE)
	X O UH X X	VERTICAL UNIT HEATER (NO. CORRESPONDS WITH UNIT HEATER SCHEDULE)
	UH ţ	CABINET TYPE UNIT HEATER (NO. CORRESPONDS WITH UNIT HEATER SCHEDULE)
	1	THERMOSTAT OR ROOM TEMPERATURE SENSOR
	$\bowtie$	GATE VALVE
	P	FLOW SWITCH
		VENTURI FLOW METER AND FLOW TO BE INDICATED
	守 <sup>СРМ</sup>	CONNECTION BETWEEN NEW AND EXISTING



	GLOBE VALVE
20	BUTTERFLY VALVE
Ζ	CHECK VALVE
∞ ∞	ANGLE GATE VALVE
	CONCENTRIC REDUCER
Δ	ECCENTRIC REDUCER
1 1	ORIFICE FLANGE
$\frown$	CROSSOVER
Ξ	PIPE GUIDE
E	EXPANSION JOINT (SLIP TYPE)
	EXPANSION JOINT (BELLOWS TYPE)
$\bigcirc$	AIR ELIMINATOR (AIR VENT)
C	PIPE CAP
÷	STRAIGHT CROSS
ъ	90° ELBOW
Ð	90° ELBOW TURNED DOWN
Ю	90° ELBOW TURNED UP
ŀҾ	SIDE OUTLET ELBOW TURNED DOWN
ŀQ	SIDE OUTLET ELBOW TURNED UP
<u>і</u>	LATERAL
Ϋ́	TEE
ю	TEE OUTLET UP
Ψ	TEE OUTLET DOWN
վե	UNION
<i>`</i> ₹ <sub>4</sub>	STRAINER
X	PIPE ANCHOR
	THERMOMETER (NOS. = RANGE IN DEGREES FAHRENHEIT)
Ø X	PRESSURE, VACUUM OR COMPOUND GAUGE
	SHEET 3 OF 3

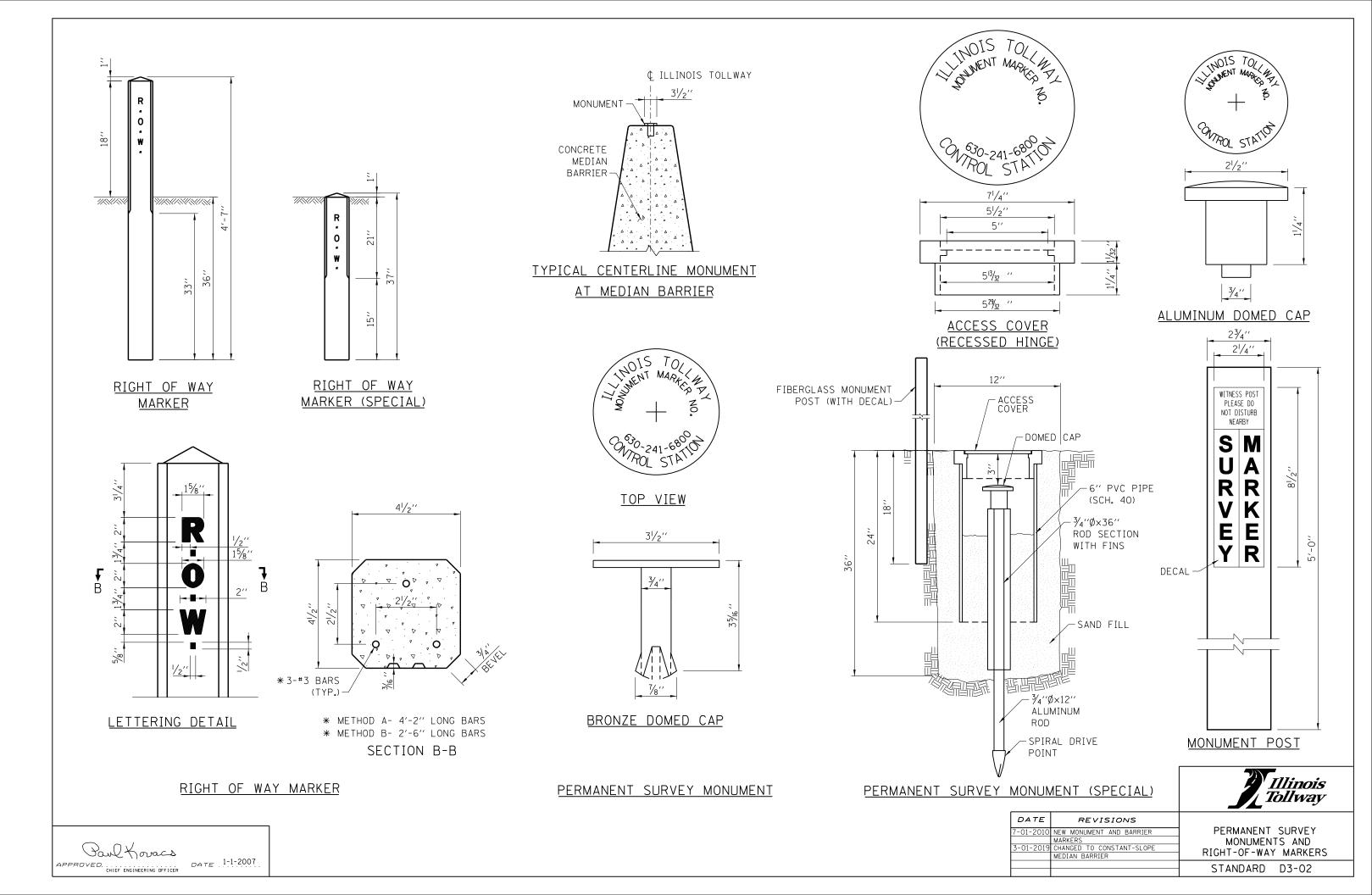
SHEET 3 OF 3

Illinois Tollway

SYMBOLS AND PATTERNS

ALL SYMBOLS AND PATTERNS ON THIS DRAWING ARE PROPOSED UNLESS OTHERWISE NOTED.

STANDARD D2-04



		MAI	INLINE	R	AMP
	REFLECTORS	TANGENT	CURVE	TANGENT	CURVE
*	GUARDRAIL	100′	100′	100′	100' (R >= 1,050' 50' (R < 1,050')
*	BARRIER WALL (DOUBLE FACE)	100′	100′	100′	100' (R >= 1,050' 50' (R < 1,050')
*	BARRIER WALL (SINGLE FACE)	100′	100′	100′	100' (R >= 1,050' 50' (R < 1,050')
	SHOULDER NARROWING	3 @ 15′	3 @ 15′	3 @ 15'	3 @ 15′
	BRIDGE APPROACHES	3 @ 15′	3 @ 15′	3 @ 15'	3 @ 15′
*	BRIDGE PARAPET	50′	50′	50'	50′
*	NOISE ABATEMENT WALL (CRASH WORTHY)	100′	100′	100'	100' (R >= 1,050' 50' (R < 1,050')
	ROADWAY DELINEATORS	MAII	MAINLINE		AMP
		TANGENT	CURVE	TANGENT	CURVE
	POST MOUNTED DELINEATOR	200′	200′	200′	TABLE A
	POST MOUNTED DELINEATOR	100′	100′	NA	NA
	(RAMP TAPERS AND TANGENTS)				
		TEMPORARY DELINE	TATION SPACING		
		TEMPORARY DELINE	ATION SPACING	SHIFT	TAPER

TABLE A				
REFLECTOR SPACING	ON RAMP-CURVES			
RADIUS OF CURVE (FT.)	SPACING ALONG CURVE (FT.)			
LESS THAN 1050	50			
1050-1299	100			
1300-1999	125			
2000-2999	150			
3000-3999	175			
MORE THAN 3999	200			

Paul Koracs APPROVED. CHIEF ENGINEERING OFFICER

## GENERAL NOTES:

TURNAROUNDS.

- UNIT OVER ONE AMBER REFLECTOR UNIT.

# NOTES FOR ROADWAY DELINEATORS. POST MOUNTED INSTALLATION:

- - OTHER SIDE APPEARS.

- THE SAME TYPE.

#### NOTES FOR GUARDRAIL AND BARRIER WALL REFLECTOR:

SIDE ONLY.



EMERGENCY TURNAROUNDS DELINEATION-THE FOLLOWING DELINEATION SHOULD BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT APPROACHING EMERGENCY

A. ONE-HALF OF A MILE IN ADVANCE OF THE EMERGENCY TURNAROUNDS ONE WHITE REFECTOR UNIT OVER THREE AMBER REFLECTOR UNITS.

B. ONE-FOURTH OF A MILE IN ADVANCE OF THE EMERGENCY TURNAROUNDS ONE WHITE REFLECTOR UNIT OVER TWO AMBER REFLECTOR UNITS.

C. AT A POINT NEAR THE INTERSECTION OF THE EDGE OF THE LEFT SHOULDER AND NEAR EDGE OF THE EMERGENCY TURNAROUNDS ONE WHITE REFLECTOR

1. A. MAINLINE-SINGLE WHITE REFECTOR UNITS SHALL BE PLACED CONTINUOUSLY ON THE RIGHT AND SINGLE AMBER REFLECTOR UNITS SHALL BE PLACED ON THE LEFT ON MAIN LINE SECTIONS WITHOUT BARRIER WALL.

B. RAMPS-SINGLE REFLECTOR UNITS SHALL BE PLACED ON THE OUTSIDE OF ALL CURVED SECTIONS OF RAMPS. SINGLE WHITE SHALL BE PLACED ON THE RIGHT SIDE AND AMBER ON THE LEFT SIDE. THE DELINEATORS SHALL BE OVERLAPPED FOR A SHORT DISTANCE TO CLEARLY INDICATE WHERE DELINEATION ON ONE SIDE OF THE RAMP ENDS AND DELINEATION ON THE

C. DOUBLE WHITE REFLECTOR UNITS SHALL BE PLACED ON THE RIGHT AT ALL ACCELERATION AND DECELERATION LANES.

2. REFLECTORS SHALL BE MOUNTED ON SUPPORTS SUCH THAT THE TOP OF REFLECTORS IS FOUR FEET ABOVE THE ROADWAY EDGE AND TWO FEET OUTSIDE THE OUTER EDGE OF THE PAVED SHOULDER OR TWO FEET MINIMUM AND SIX FEET MAXIMUM OUTSIDE THE BACKS OF CURBS OR GUTTERS.

3. IN ALL CASES, THE COLOR OF THE REFLECTORS SHALL BE THE SAME AS THE ADJACENT EDGE LINE EXCEPT AS SPECIFIED IN GENERAL NOTES.

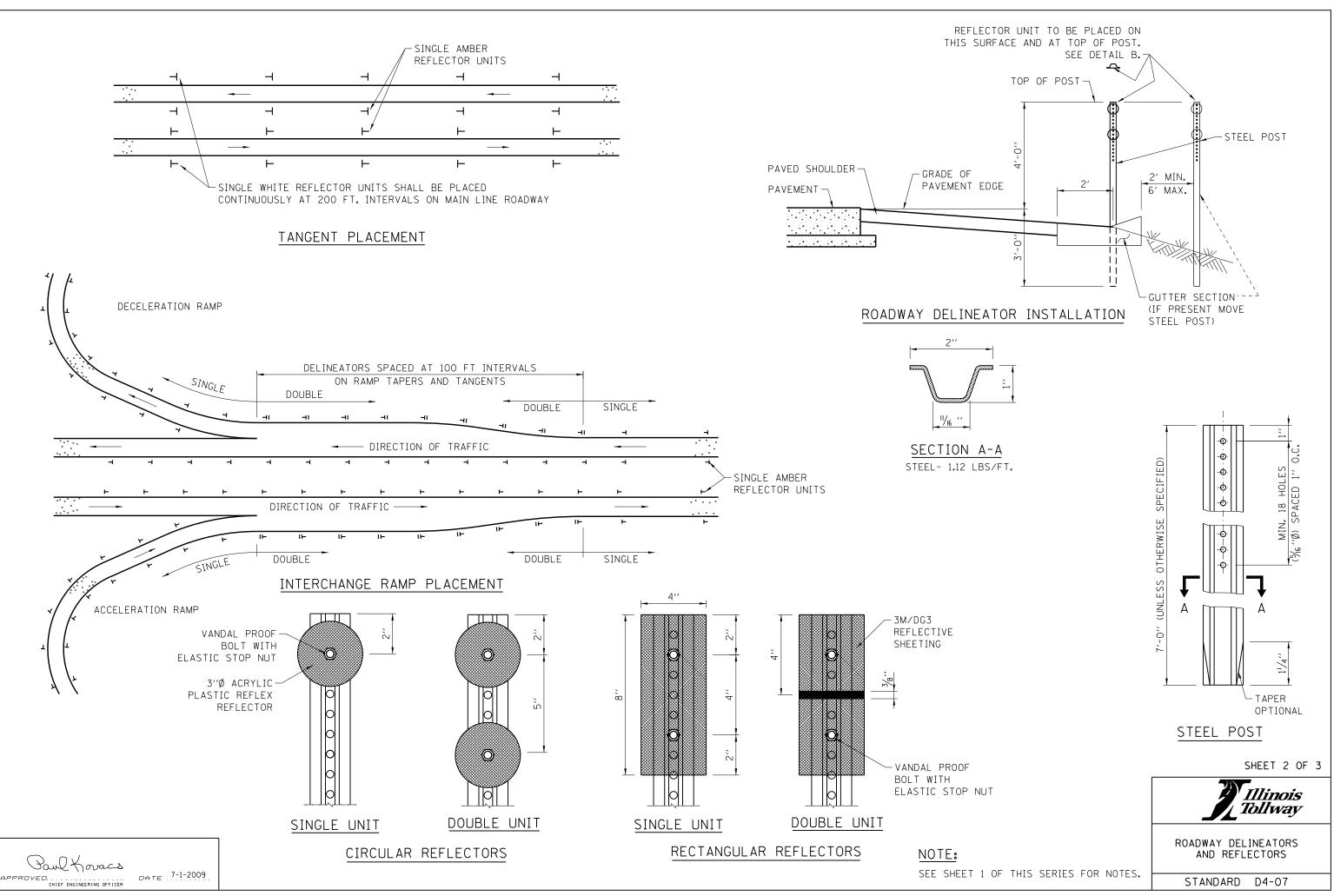
4. POST MOUNTED REFLECTORS SHALL BE PLACED CONTINUOUSLY AS NOTED ABOVE IN CONJUNCTION WITH GUARDRAIL INSTALLED.

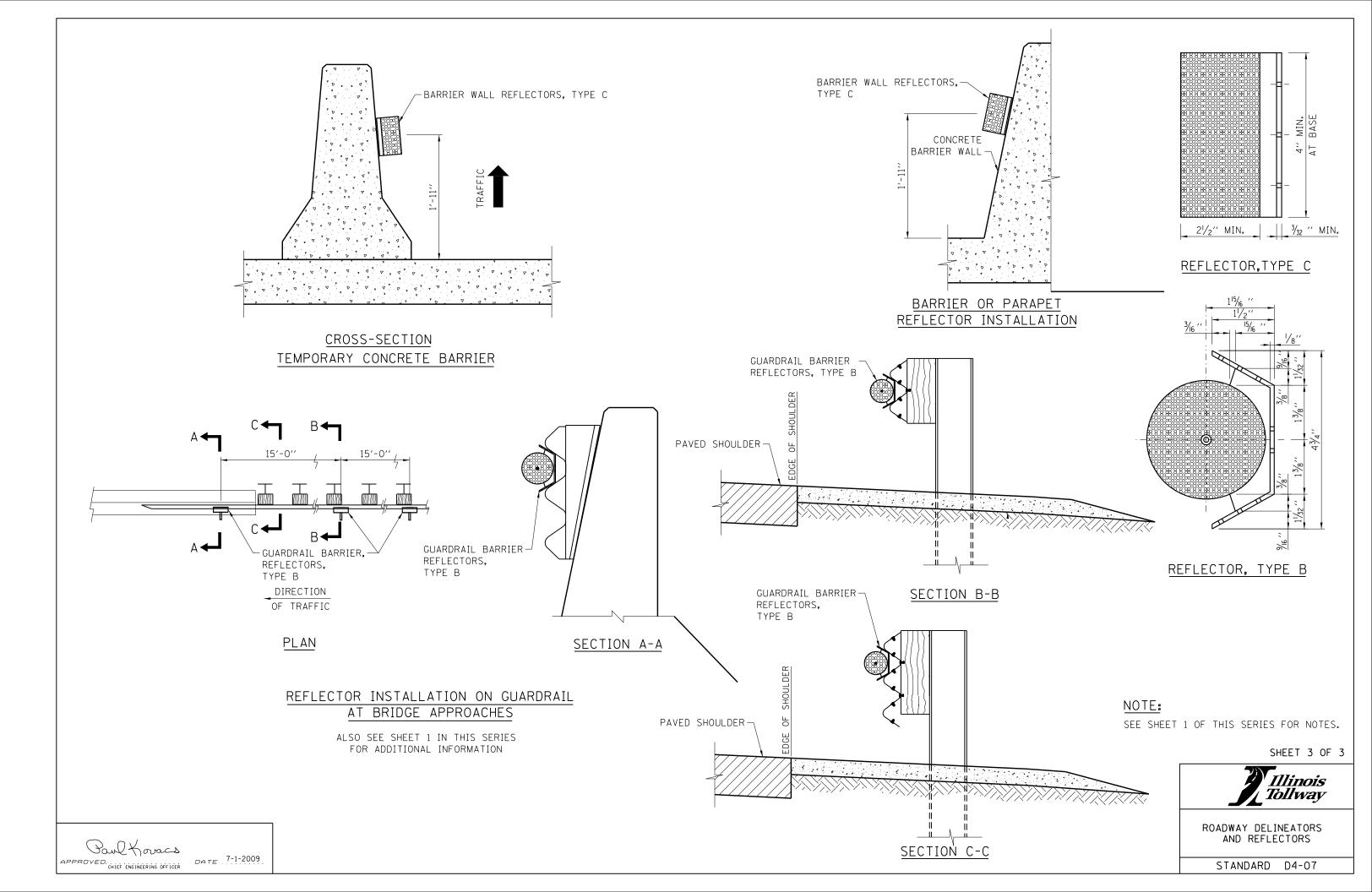
5. THE PLACEMENT OF ROADWAY DELINEATOR "CIRCULAR REFLECTORS" SHALL BE USED FOR ALL MINOR PROJECTS WHICH HAVE A LENGTH OF LESS THAN 5 MILES. THE PLACEMENT OF ROADWAY DELINEATOR "RECTANGULAR REFLECTORS" SHALL BE USED FOR ALL MAJOR PROJECTS WHICH HAVE A LENGTH GREATER THAN 5 MILES. ALL ROADWAY DELINEATORS WITHIN A ROADWAY SEGMENT SHALL BE OF

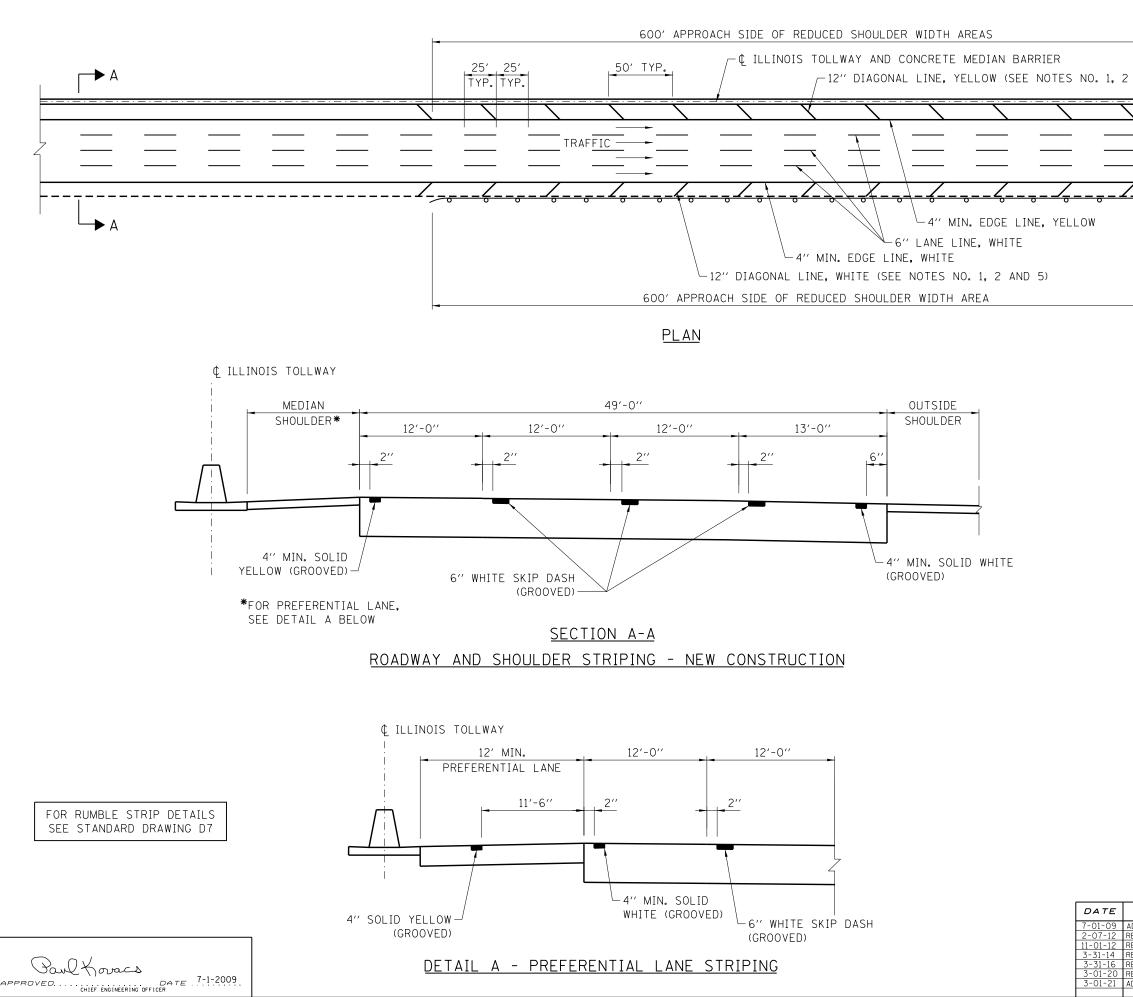
1. REFLECTORS TYPE B AND TYPE C SHALL HAVE REFLECTIVE SURFACE ON ONE

		0.122 1 0. 0
		Illinois Tollway
	REVISIONS	Ionway
2	REVISED REFLECTOR MARKER TYPE C DIMENSION	
)	REVISED NOTES, TABLE AND DELINEATION	
	SPACING	ROADWAY DELINEATORS
5	REVISED NOTES	AND REFLECTORS
6	REVISED DELINEATOR ATTACHMENT TO POST	
7	REVISED PERM. DELINEATION SPACING TABLE	
9	CHANGED BARRIER TO CONSTANT-SLOPE SHAPE	STANDARD D4-07
		STANDAND D4-01

SHEET 1 OF 3





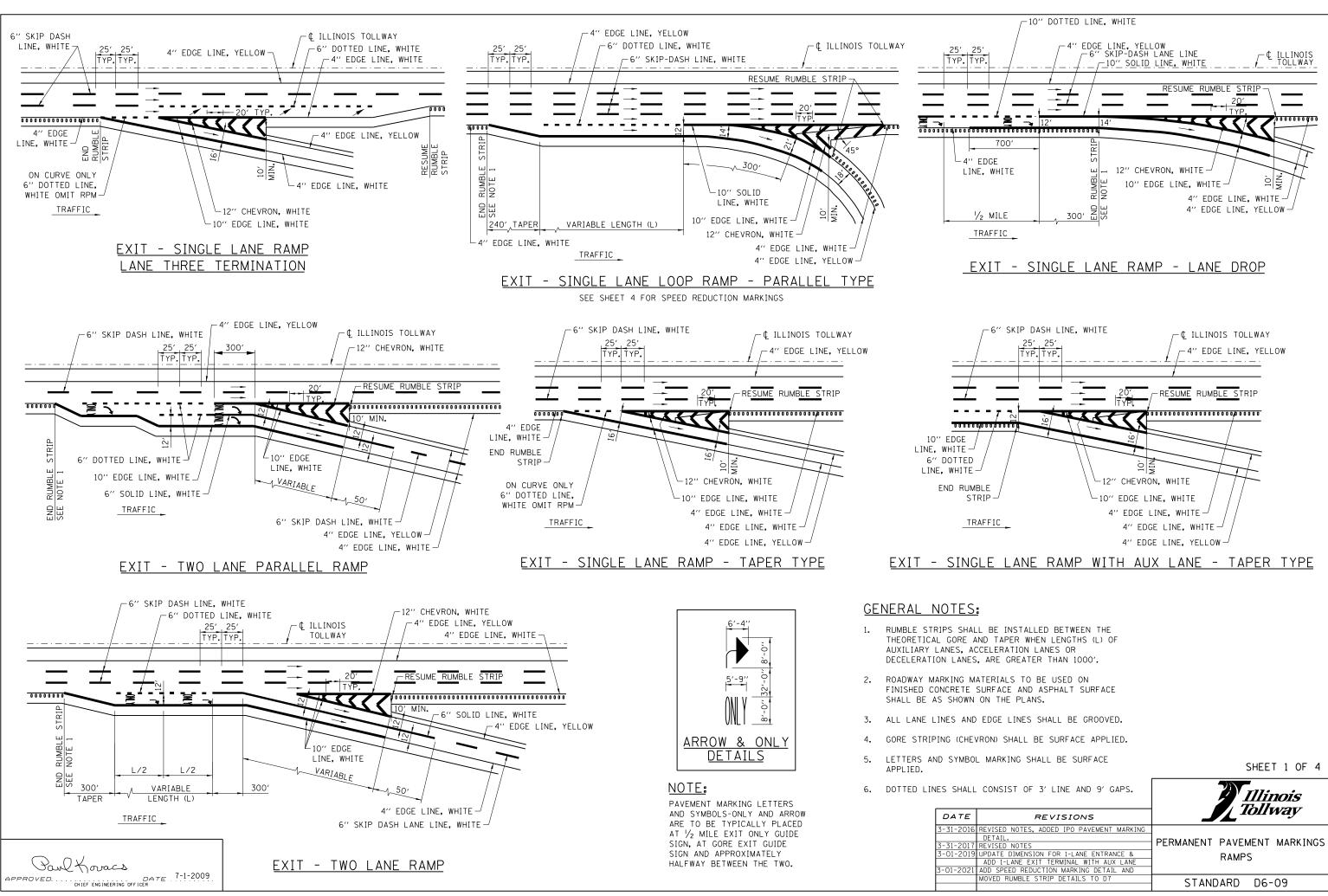


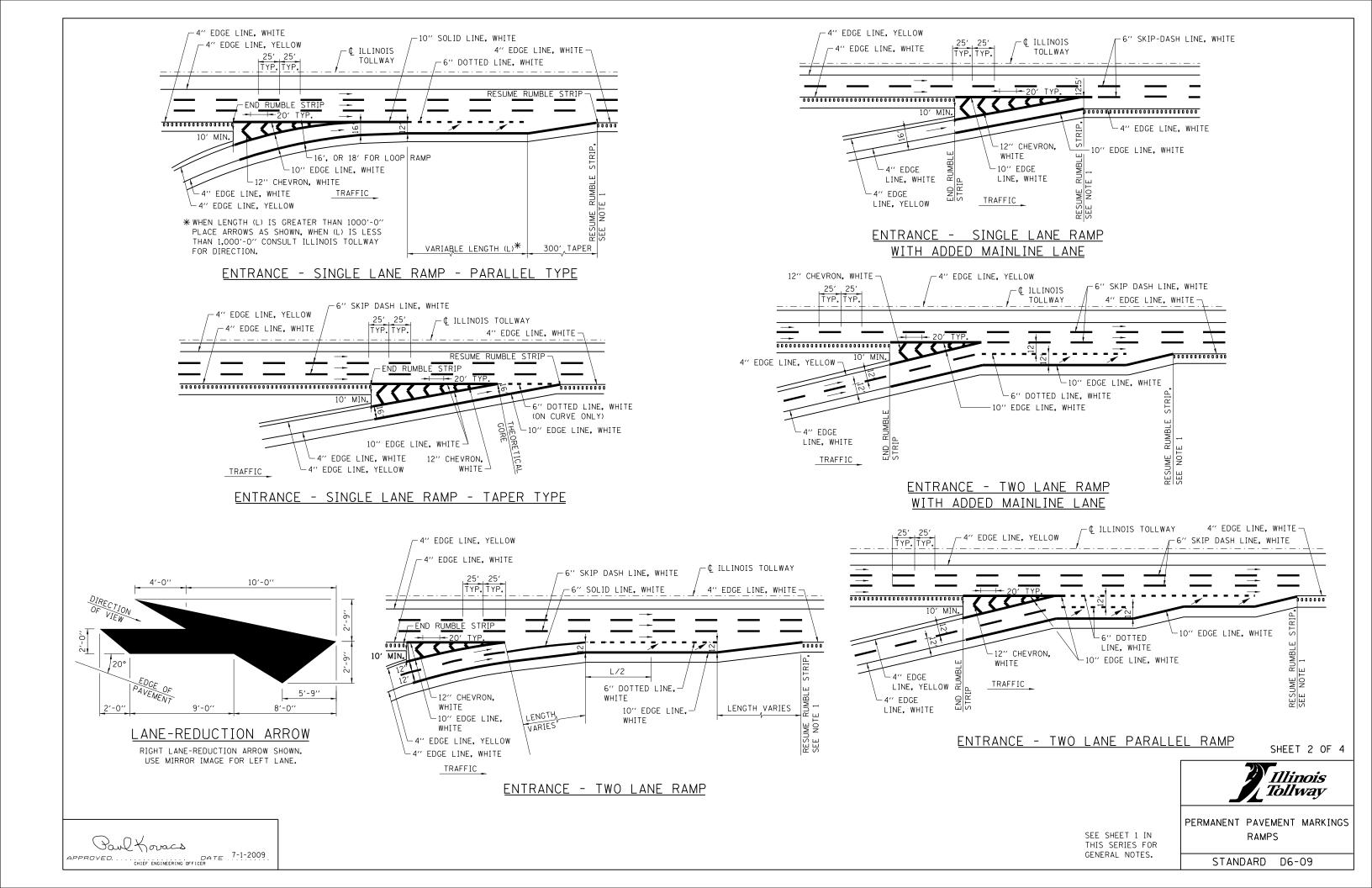
2 AND 5)	CONTINUE DIAGONAL LINES THROUGHOUT REDUCED SHOULDER WIDTH AREA ON ROADWAY AND RAMPS
<u> </u>	
<u></u>	BEGINNING OF REDUCED SHOULDER WIDTH CONTINUE DIAGONAL LINES THROUGHOUT REDUCED SHOULDER

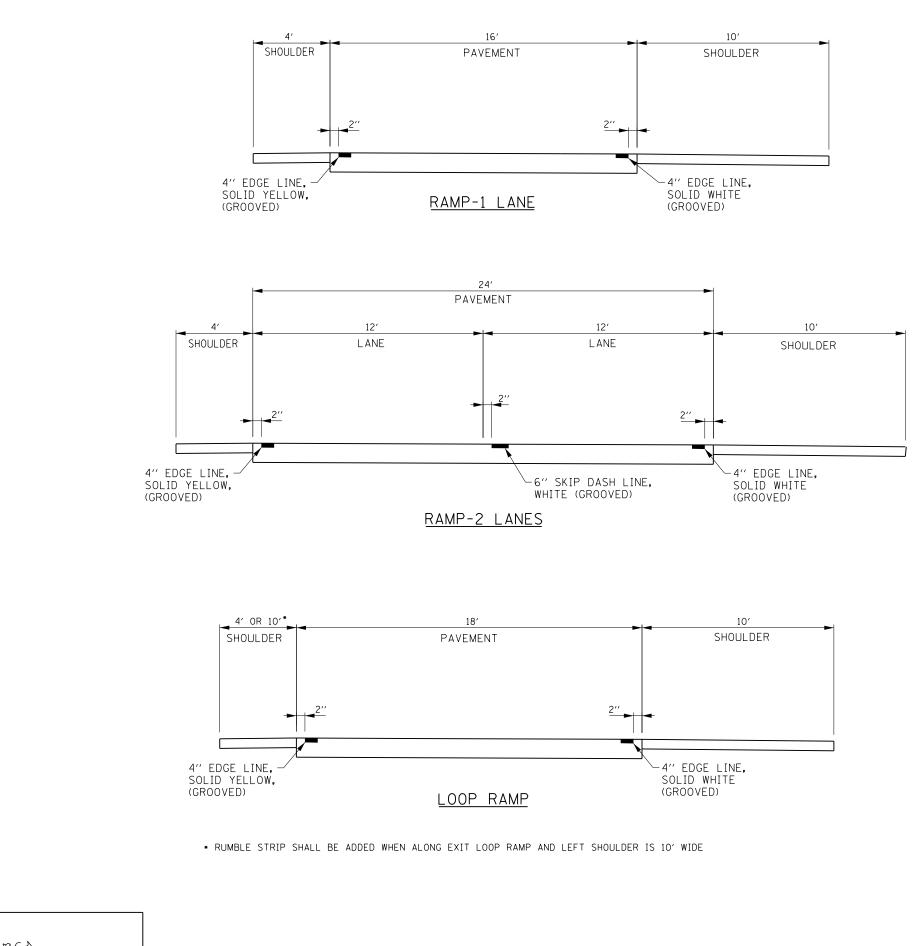
### **GENERAL NOTES:**

- 1. DIAGONAL SHOULDER STRIPING REQUIRED WHERE THE SHOULDER WIDTH IS LESS THAN STANDARD.
- 2. ROADWAY MARKING MATERIALS TO BE USED ON FINISHED CONCRETE SURFACE AND ASPHALT SURFACE SHALL BE AS SHOWN ON THE PLANS.
- 3. WHERE THE GUARDRAIL ENCROACHES ON THE SHOULDER THE DIAGONAL MARKINGS SHALL EXTEND AS CLOSE TO THE FACE OF THE RAIL AS POSSIBLE.
- 4. ALL PERMANENT LANE LINES AND EDGE LINES SHALL BE GROOVED, ON ROADWAY SURFACES, UNLESS OTHERWISE NOTED.
- 5. DIAGONAL STRIPING SHALL BE SURFACE APPLIED.
- 6. GORE STRIPING (CHEVRON) SHALL BE SURFACE APPLIED.
- 7. ALL LANE LINES AND EDGE LINES SHALL BE SURFACE APPLIED ON BRIDGES.
- 8. PAVEMENT MARKINGS SHALL NOT BE GROOVED AT THE CASH SIDE OF MAINLINE TOLL PLAZAS OR THE OPEN ROAD TOLLING (ORT), 100' CONTINUOUSLY REINFORCED CONCRETE (CRC) PAVEMENT SECTION OF MAINLINE UNDER MONOTUBES.

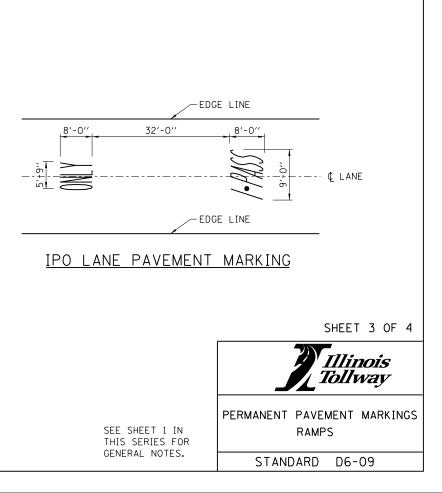
_		Illinois Tollway
	REVISIONS	J IOIIWay
	ADDED LINE GROOVING NOTES	
	REVISED NOTES	PERMANENT PAVEMENT MARKINGS
	REVISED EDGELINE OFFSET, REVISED NOTES	PERMANENT PAVEMENT MARKINGS
	REVISED NOTES	MAINLINE
	REVISED NOTES	
	REVISED EDGE LINE TO BE 4" MIN.	
_	ADDED PREF. LANE STRIPING	STANDARD D5-08
		•

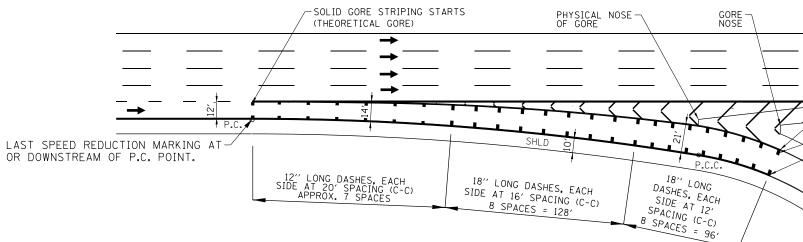




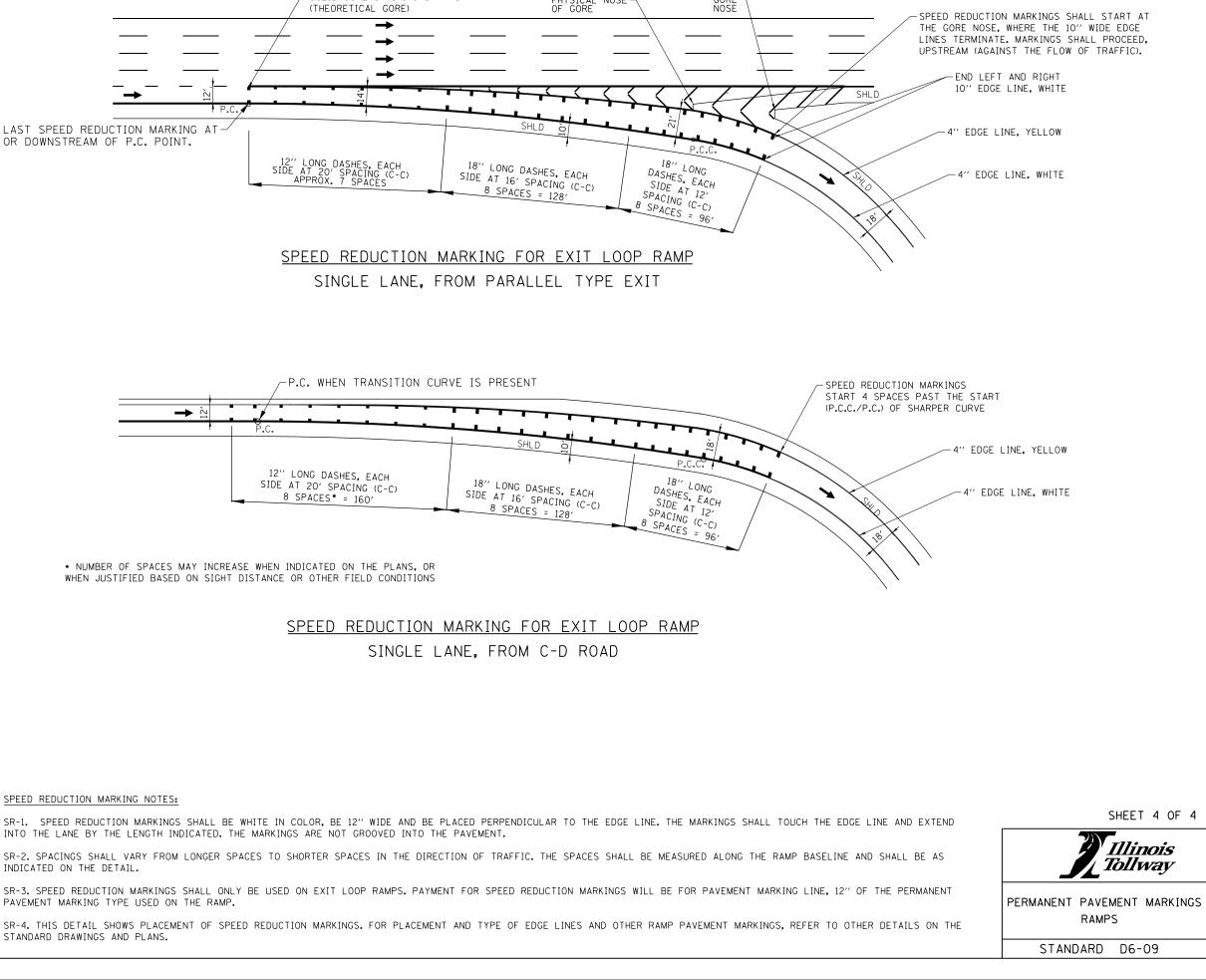


Poul Koracs APPROVED. CHIEF ENGINEERING OFFICER





SINGLE LANE, FROM PARALLEL TYPE EXIT



\* NUMBER OF SPACES MAY INCREASE WHEN INDICATED ON THE PLANS. OR WHEN JUSTIFIED BASED ON SIGHT DISTANCE OR OTHER FIELD CONDITIONS

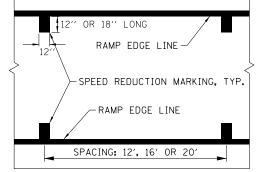
SPEED REDUCTION MARKING NOTES:

INTO THE LANE BY THE LENGTH INDICATED. THE MARKINGS ARE NOT GROOVED INTO THE PAVEMENT.

INDICATED ON THE DETAIL.

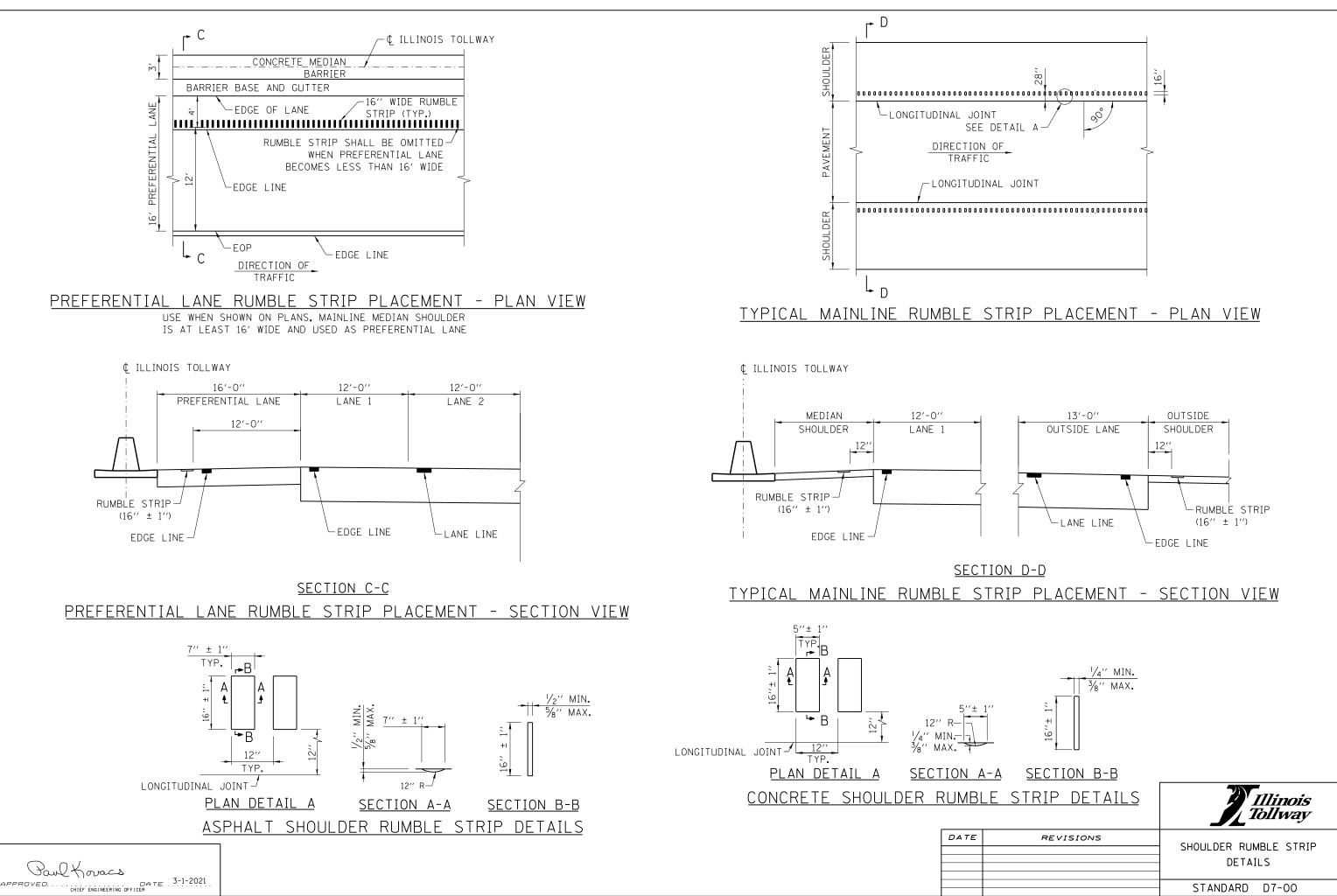
PAVEMENT MARKING TYPE USED ON THE RAMP.

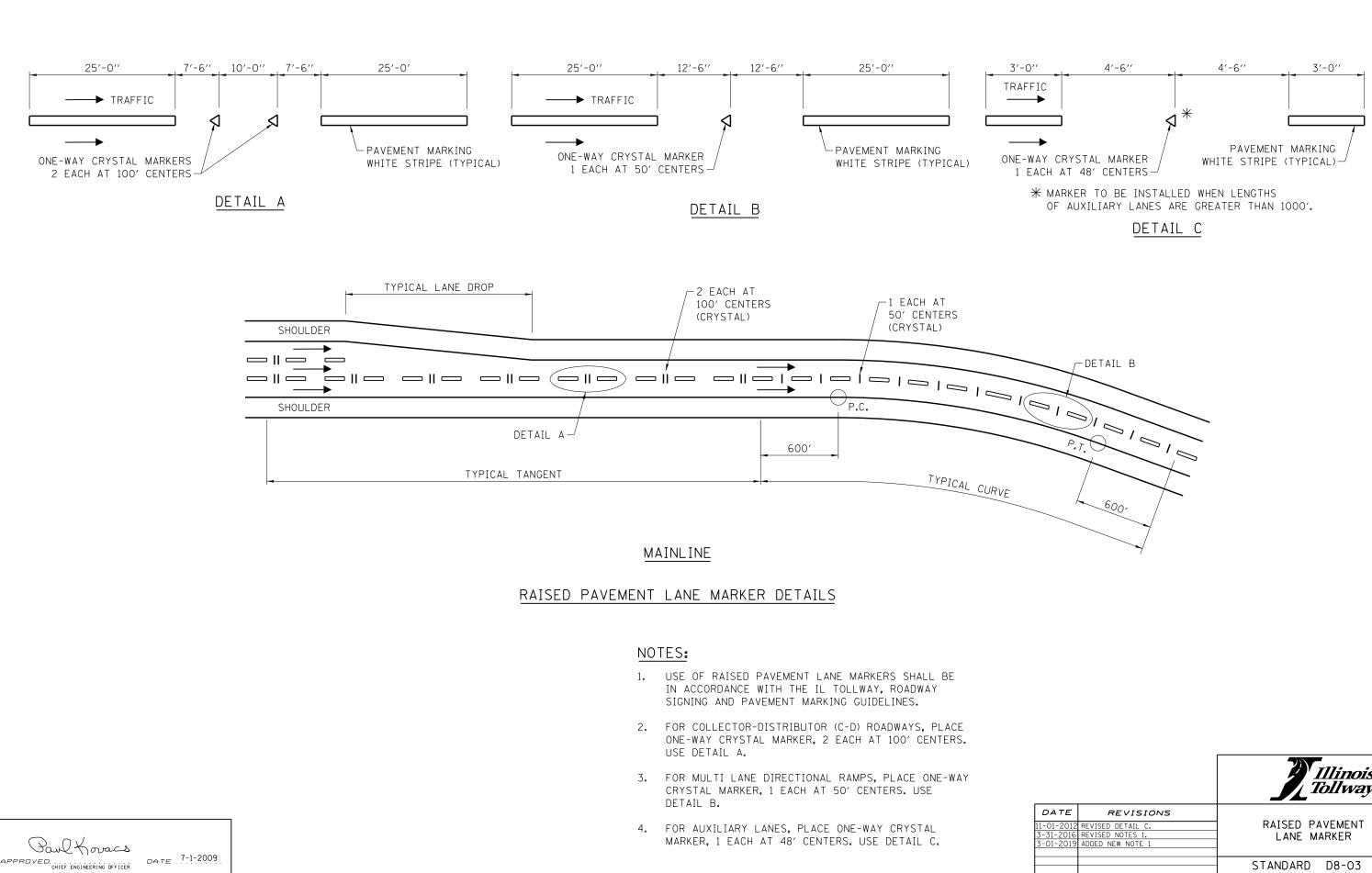
STANDARD DRAWINGS AND PLANS.



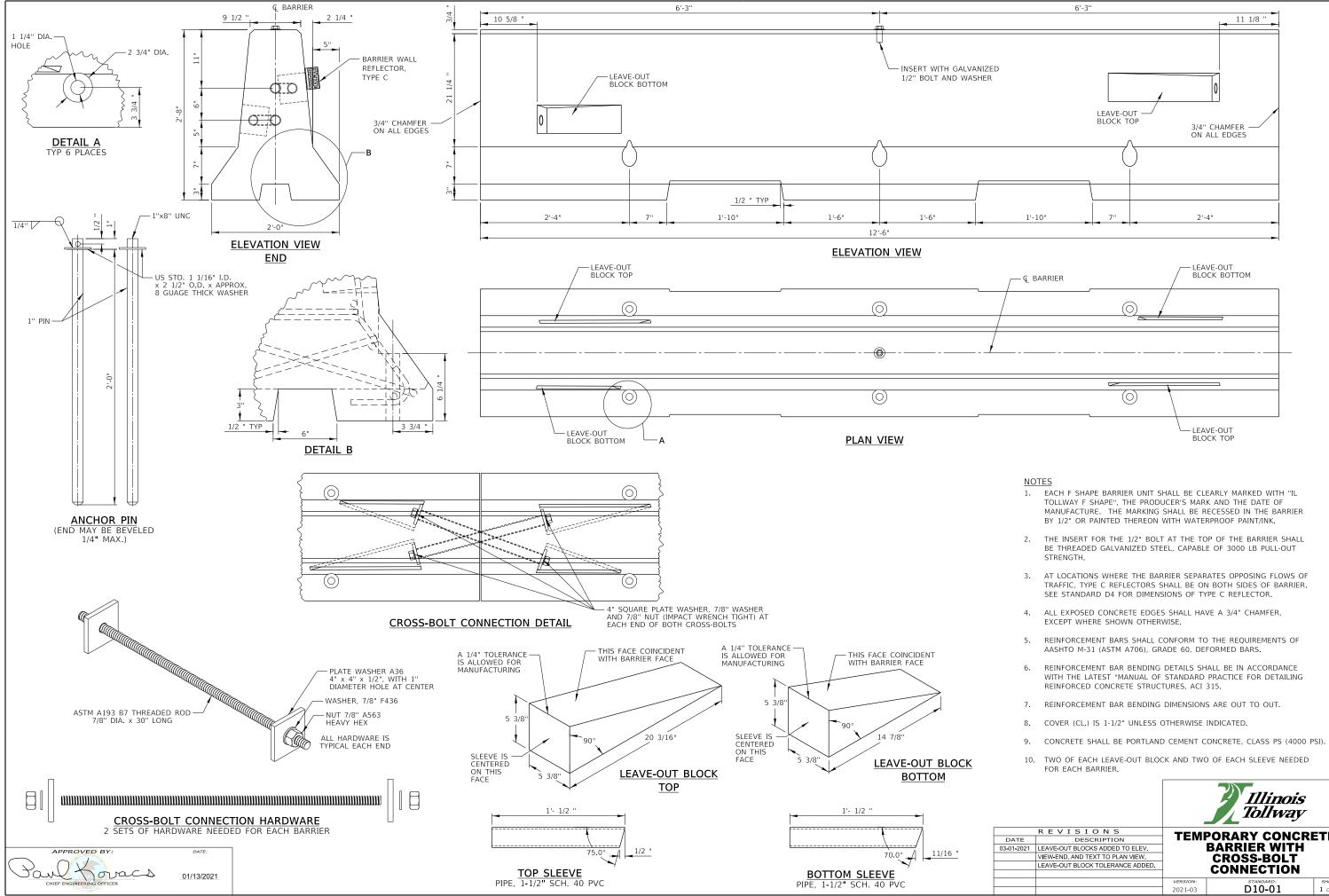
SPEED REDUCTION MARKING DETAIL







		Tollway
DATE	REVISIONS	
11-01-2012	REVISED DETAIL C.	RAISED PAVEMENT
3-31-2016	REVISED NOTES 1.	LANE MARKER
3-01-2019	ADDED NEW NOTE 1	
		STANDARD D8-03



		Illinois Tollway		
REVISIONS		TEM	PORARY CONCR	CTE
DATE	DESCRIPTION			
03-01-2021	LEAVE-OUT BLOCKS ADDED TO ELEV.		BARRIER WITH	
	VIEW-END, AND TEXT TO PLAN VIEW.	1	CROSS-BOLT	
	LEAVE-OUT BLOCK TOLERANCE ADDED.		CONNECTION	
			CONNECTION	
		VERSION:	STANDARD:	SHEET:
		2021-03	D10-01	1 OF 2

