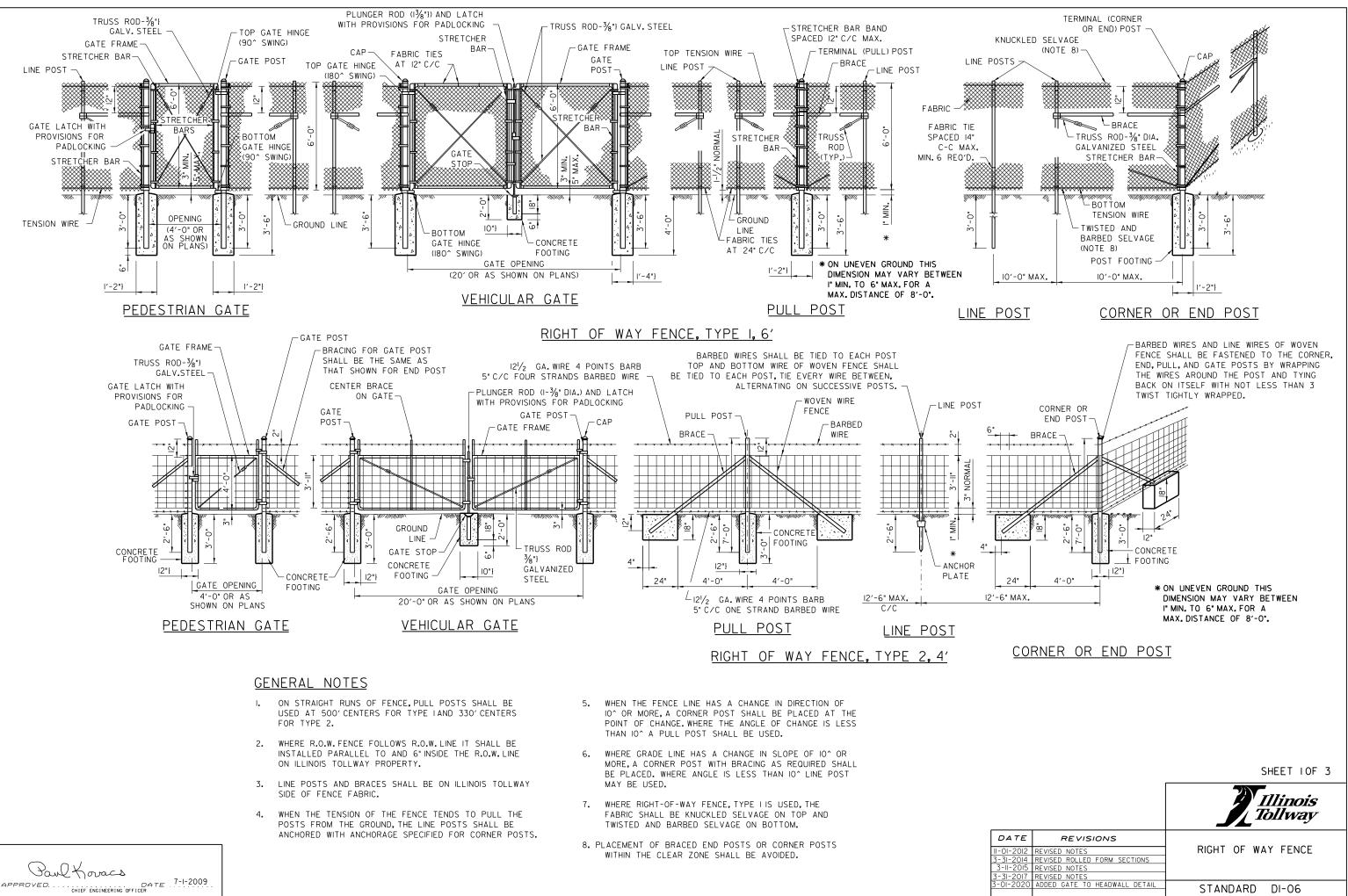
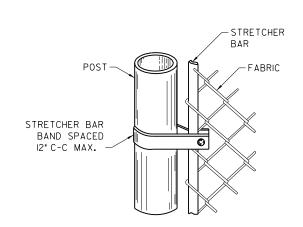
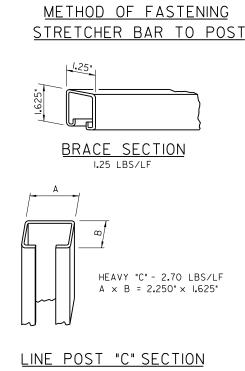
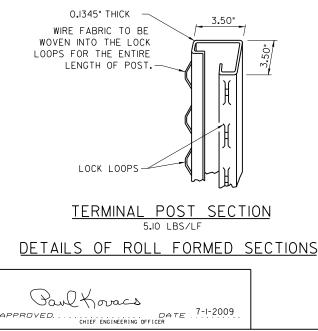
Section D	Roadway App	purtenances
	Standard	Modification Summary Effective: 03-01-2020
	Clandard	
		RIGHT-OF-WAY FENCE
	D1 Sheet 3	
	Sheet 3	Added pedestrian gate to Installation Around Headwall detail.
	L	
	D5	PERMANENT PAVEMENT MARKINGS
		Revised edge line note in Plan view and Section A-A to show a 4" minimum width.
	L	
		LANDSCAPE PLANTING DETAILS
		The Landscape Planting Details standard has been moved from Section D to Section K
	L	
		New Sheet Retired Standard

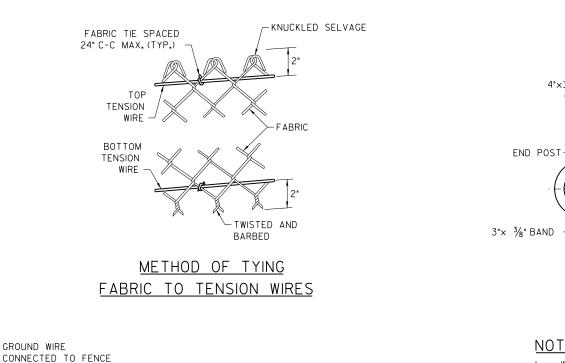


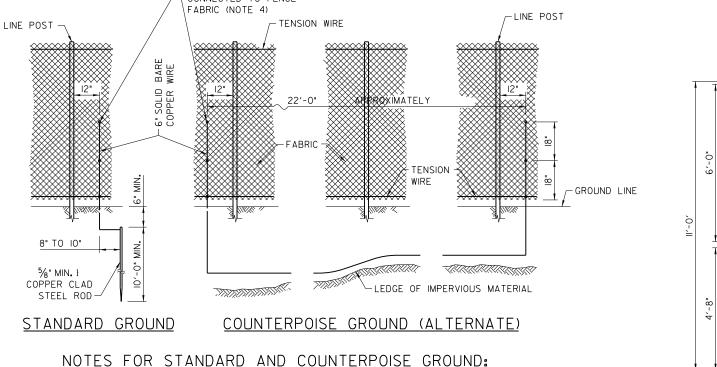


STRETCHER BARS SHALL BE GALVANIZED FLAT STEEL BAR NOT LESS THAN $\frac{1}{4}$ " x $\frac{3}{4}$ " and the stretcher BAR BANDS SHALL BE GALVANIZED FLAT STEEL BAR NOT LESS THAN 1/8"× I" WITH A 3/8" GALVANIZED CARRIAGE BOLT.







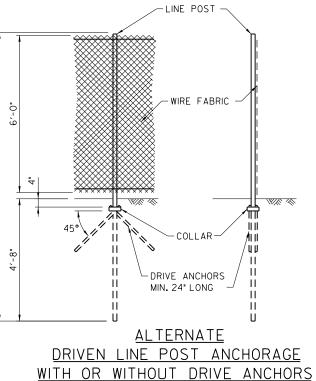


THE INTERVALS FOR GROUNDING CONTINUOUS FENCING SHALL NOT EXCEED 500 FEET IN URBAN AREAS AND 1000 FEET IN RURAL AREAS. FENCE ADJACENT TO A GATE SHALL BE GROUNDED A MAXIMUM DISTANCE 100

GROUND WIRE

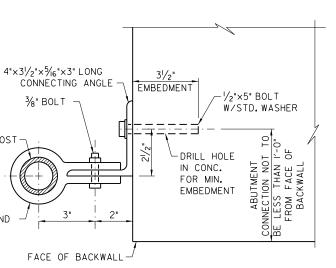
- FEET EACH SIDE OF THE GATE. 2. FENCE CROSSING UNDER A POWER LINE SHALL BE GROUNDED, ONCE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE AT 25 TO 50
- FEET AWAY. FENCE LOCATED DIRECTLY UNDER A TELEPHONE WIRE OR CABLE CROSSING SHALL HAVE A SINGLE GROUND.
- COUNTERPOISE GROUNDS SHALL BE USED AT LOCATIONS 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:

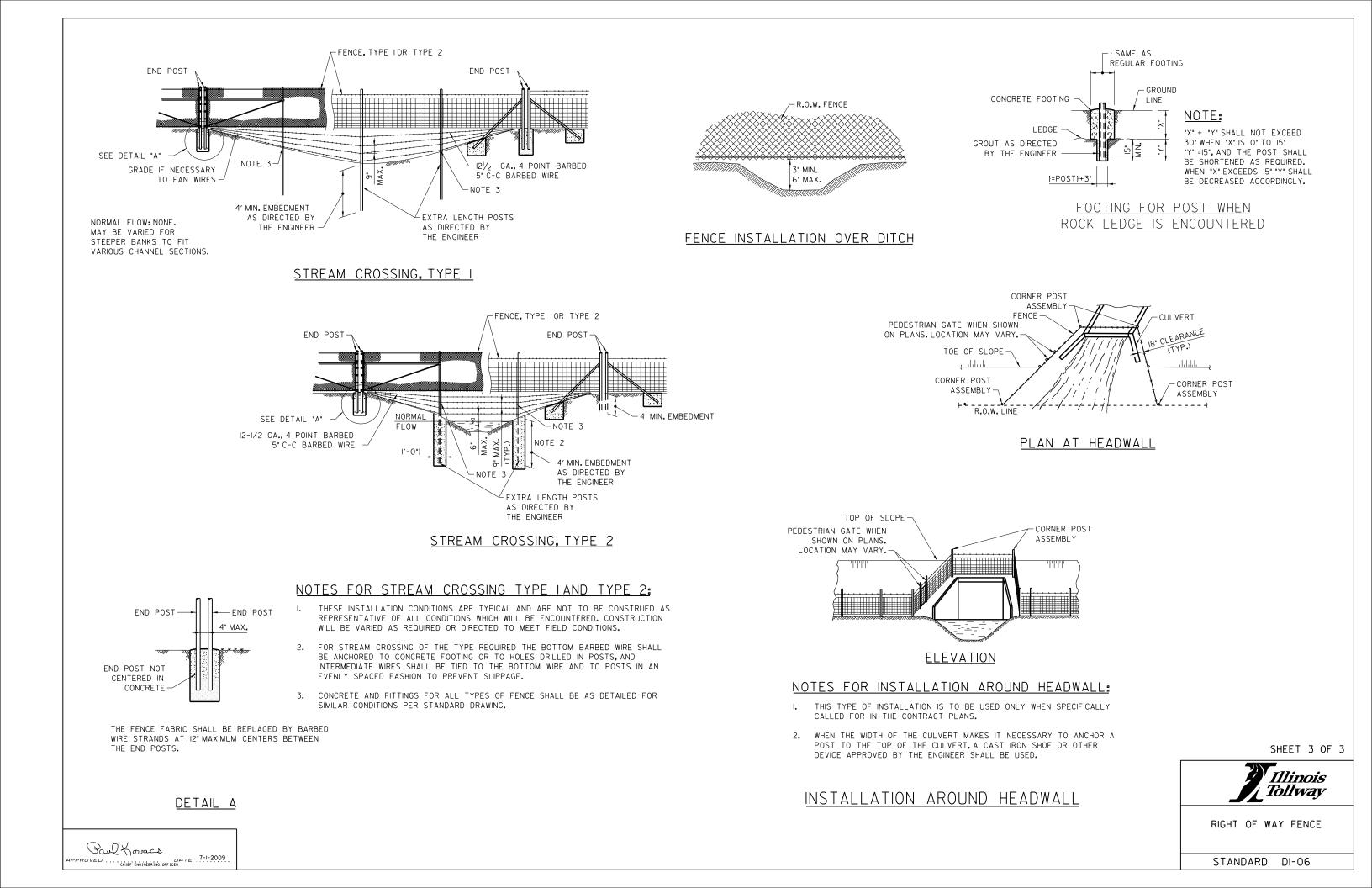
WHEN ROLL FORMED SECTION IS USED IN LIEU OF PIPE AS END POST, THE POST SHALL BE BOLTED DIRECTLY TO THE ABUTMENT WALL WITH 21/2" × 5" BOLTS WITH STANDARD WASHERS MEETING THE APPROVAL OF THE ENGINEER.

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	=	+	_ 	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	~~~~	→→	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				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		__ > - \	__ = = \	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			SILT FENCE
Image: Description of the second s		5 - 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	- /~ TS-/ ~	
WATER POINT WATERMAIN VALVE VAULT W WATERMAIN VALVE VAULT W WATER WELL				UNDERPASS LUMINAIRE	(\mathbf{C})	,TR,	
W WATER WELL			_	WATER POINT		\bigcirc	TREE PROTECTION
			W	WATERMAIN VALVE VAULT			TEMPORARY STREAM CROSSING
WOOD POLE		\bigcirc ^w	•"	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



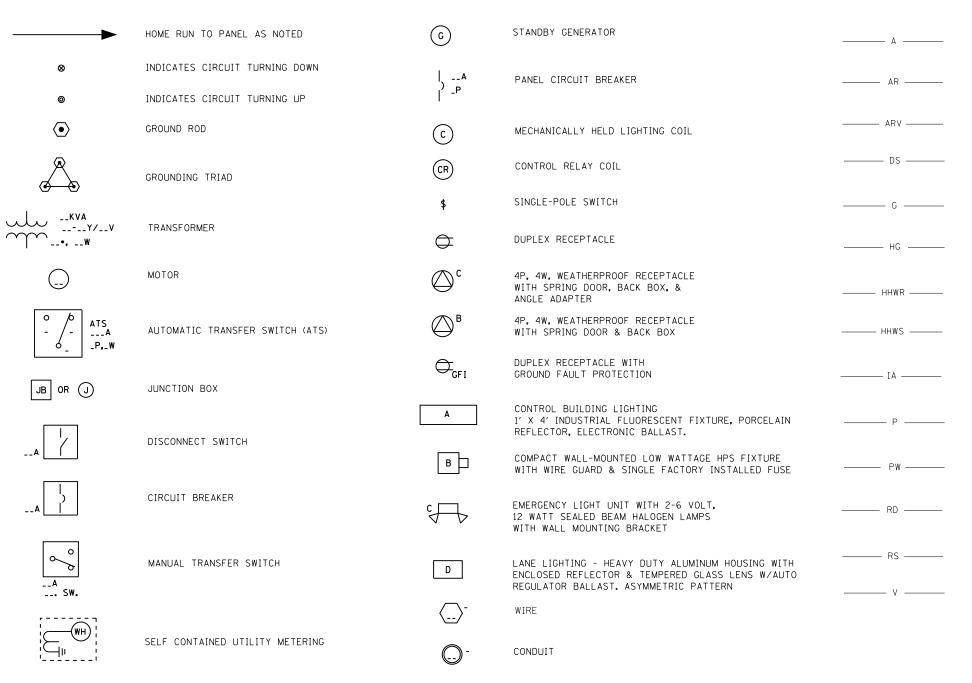
SYMBOLS AND PATTERNS

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)

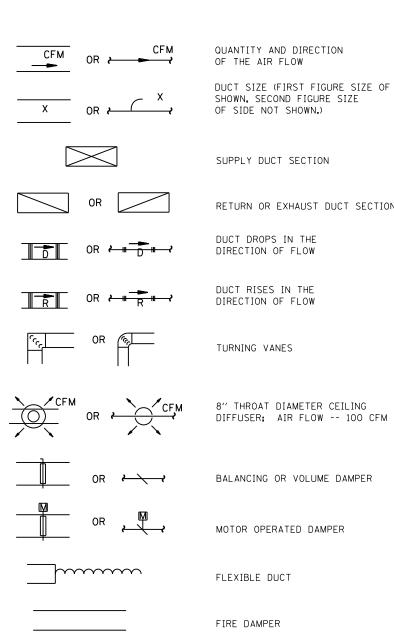
SHEET 2 OF 3

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
	[∆]	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 _ј	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 ^{СРМ}	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
5	LATERAL
Ϋ́	TEE
ю	TEE OUTLET UP
Ψ	TEE OUTLET DOWN
վե	UNION
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	STRAINER
X	PIPE ANCHOR
	THERMOMETER (NOS. = RANGE IN DEGREES FAHRENHEIT)
Ø X	PRESSURE, VACUUM OR COMPOUND GAUGE
	SHEET 3 OF 3

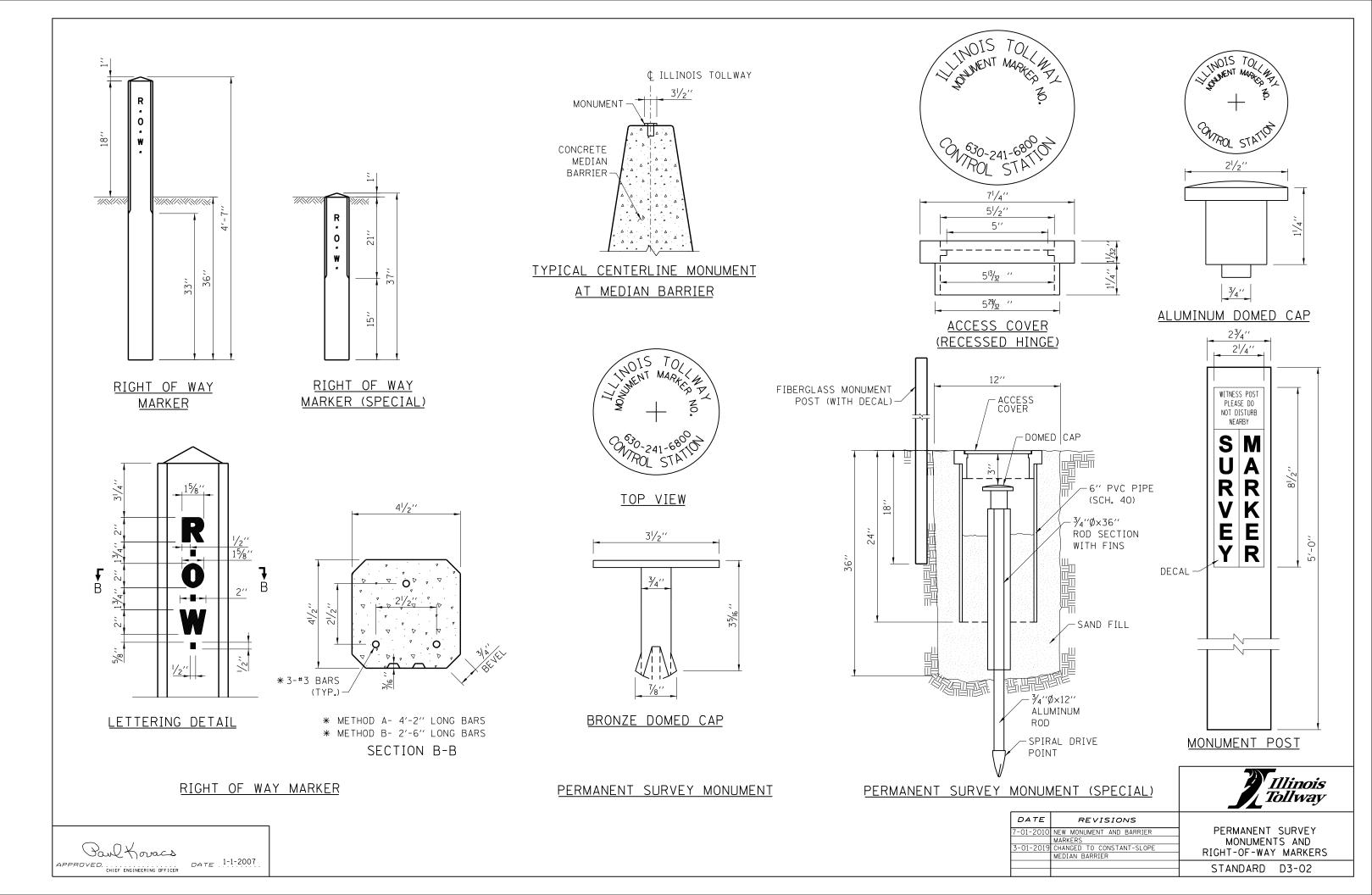
SHEET 3 OF 3

Illinois Tollway

SYMBOLS AND PATTERNS

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

STANDARD D2-04



		MAI	INLINE	R	RAMP	
	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	NLINE	R.	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.

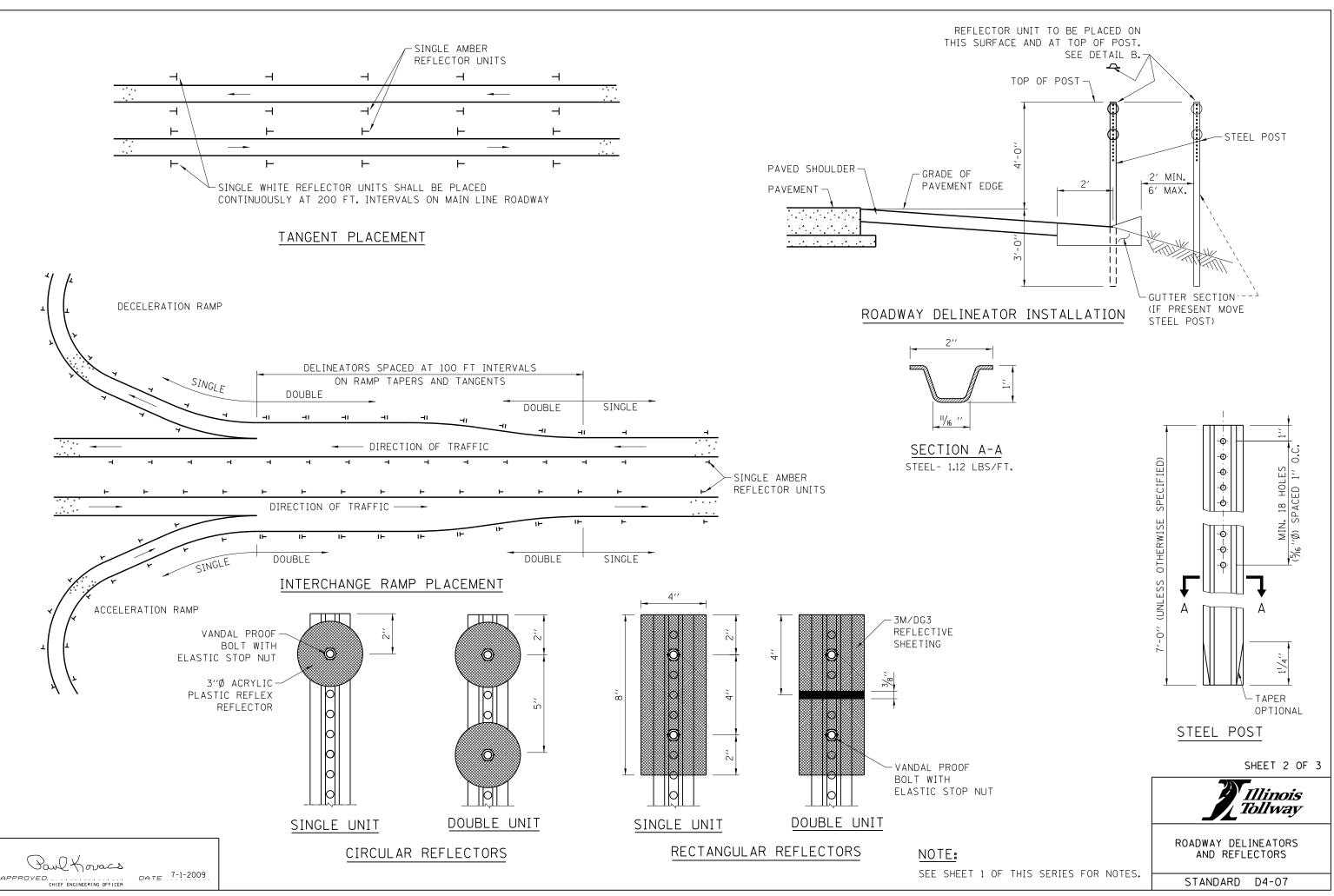
4. POST MOUNTED REFLECTORS SHALL BE PLACED CONTINUOUSLY AS NOTED ABOVE IN CONJUNCTION WITH GUARDRAIL INSTALLED.

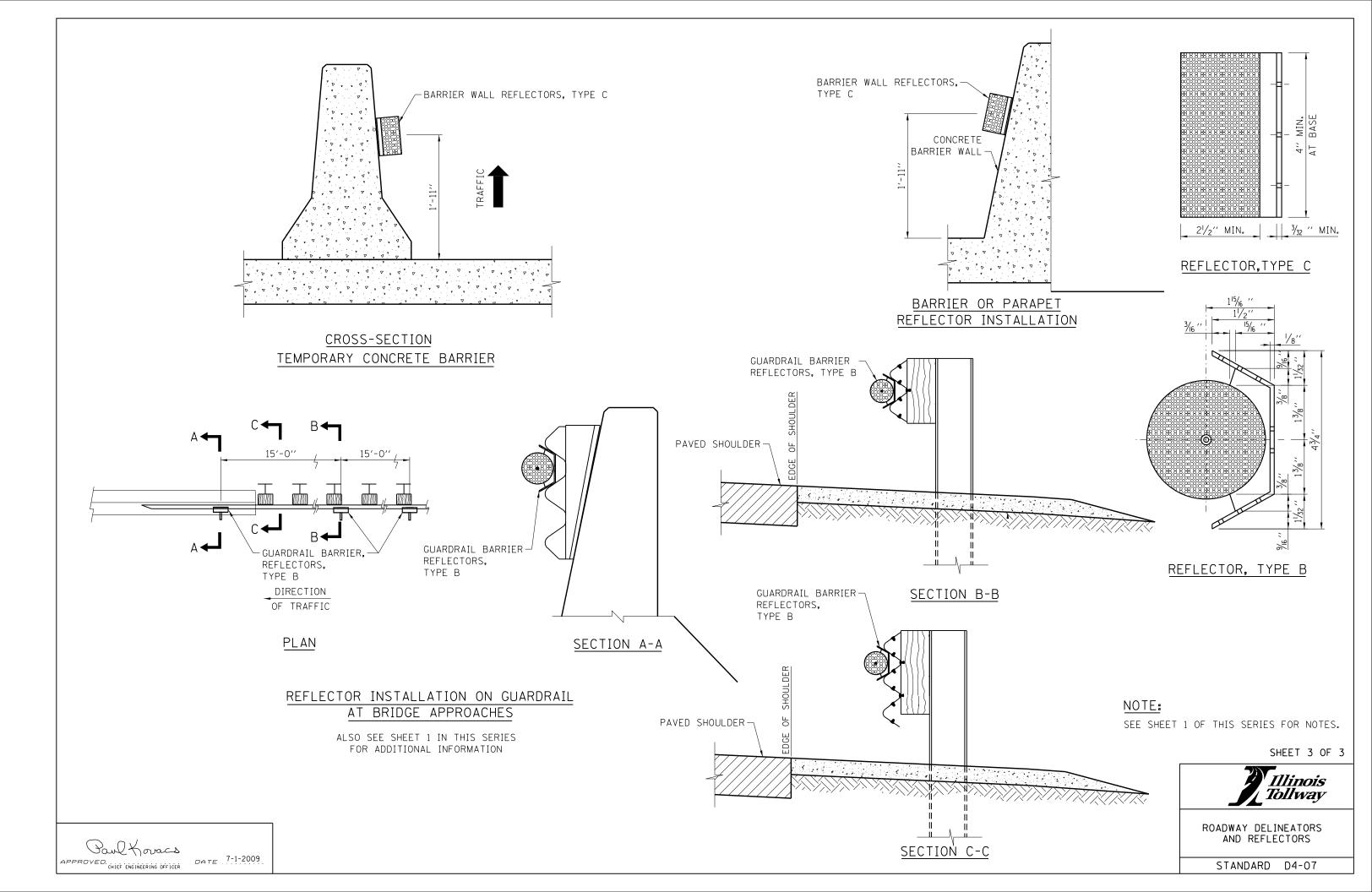
5. THE PLACEMENT OF ROADWAY DELINEATOR "CIRCULAR REFLECTORS" SHALL BE USED FOR ALL MINOR PROJECTS WHICH HAVE A LENGTH OF LESS THAN 5 MILES. THE PLACEMENT OF ROADWAY DELINEATOR "RECTANGULAR REFLECTORS" SHALL BE USED FOR ALL MAJOR PROJECTS WHICH HAVE A LENGTH GREATER THAN 5 MILES. ALL ROADWAY DELINEATORS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

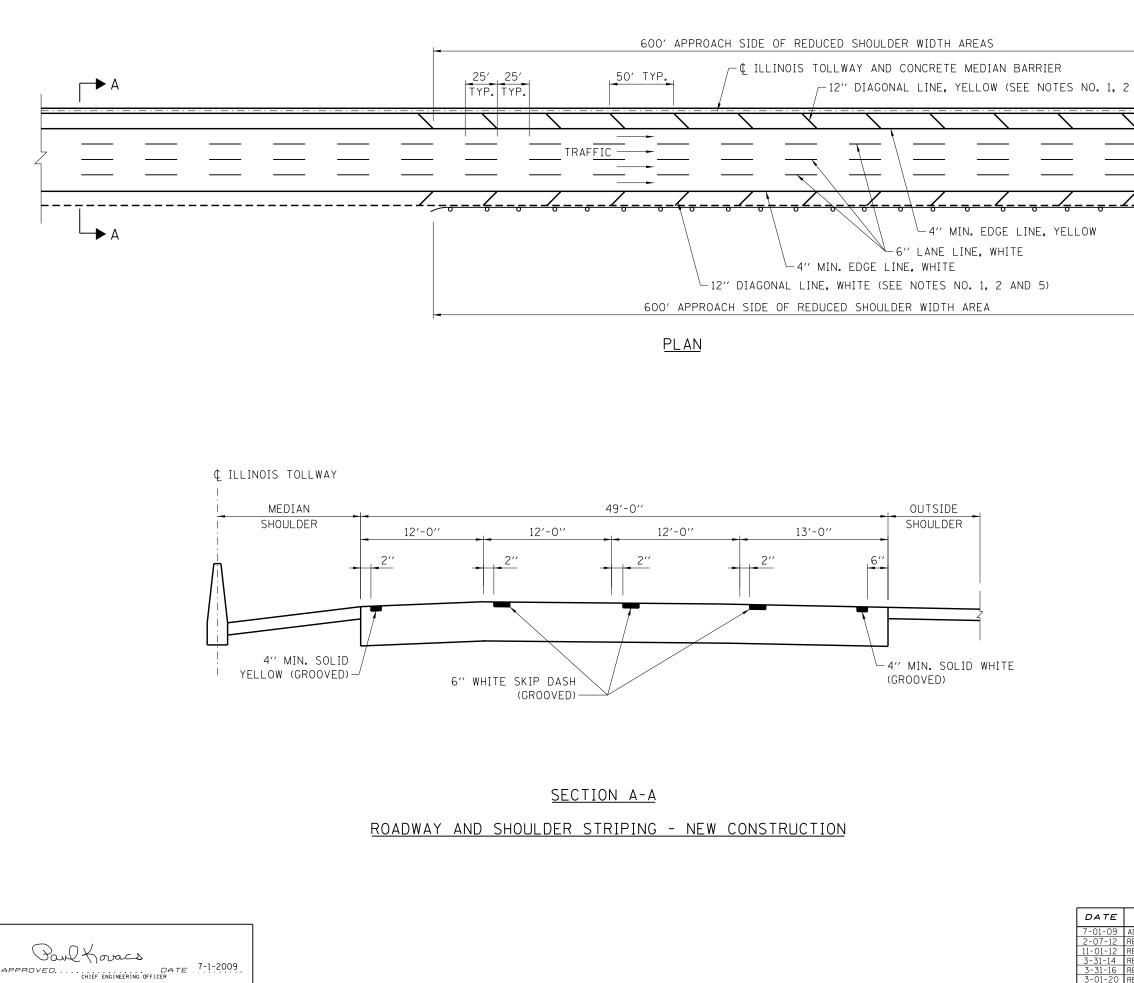
1. REFLECTORS TYPE B AND TYPE C SHALL HAVE REFLECTIVE SURFACE ON ONE

		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







	CONTINUE DIAGONAL LINES THROUGHOUT REDUCED SHOULDER
2 AND 5)	WIDTH AREA ON ROADWAY AND RAMPS
$\overline{)}$	
<u> </u>	
0 0 -	BEGINNING OF REDUCED SHOULDER WIDTH
-	CONTINUE DIAGONAL LINES THROUGHOUT REDUCED SHOULDER WIDTH AREA ON ROADWAY AND RAMPS

#### **GENERAL NOTES:**

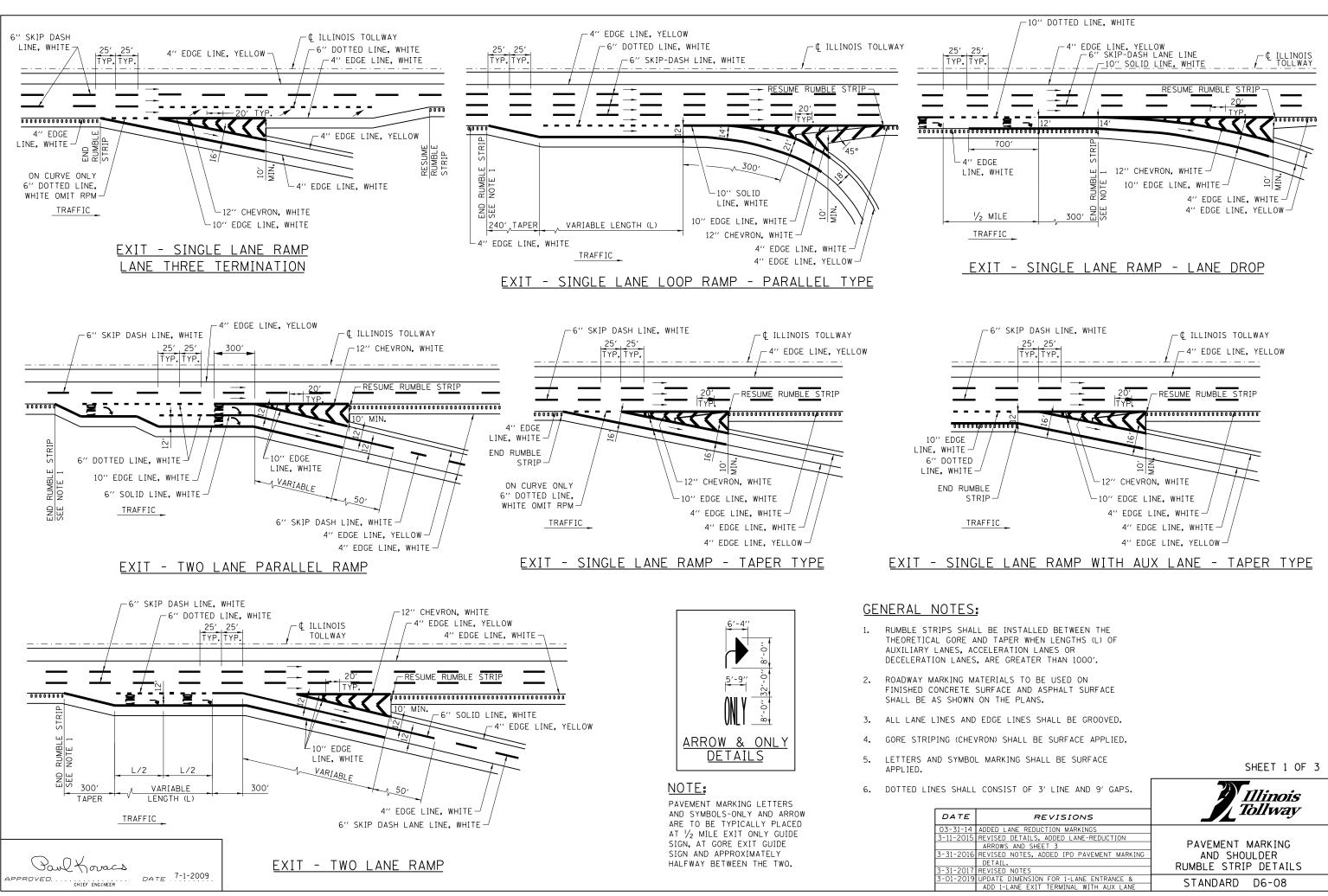
- 1. DIAGONAL SHOULDER STRIPING REQUIRED WHERE THE SHOULDER WIDTH IS LESS THAN STANDARD.
- 2. ROADWAY MARKING MATERIALS TO BE USED ON FINISHED CONCRETE SURFACE AND ASPHALT SURFACE SHALL BE AS SHOWN ON THE PLANS.
- 3. WHERE THE GUARDRAIL ENCROACHES ON THE SHOULDER THE DIAGONAL MARKINGS SHALL EXTEND AS 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.

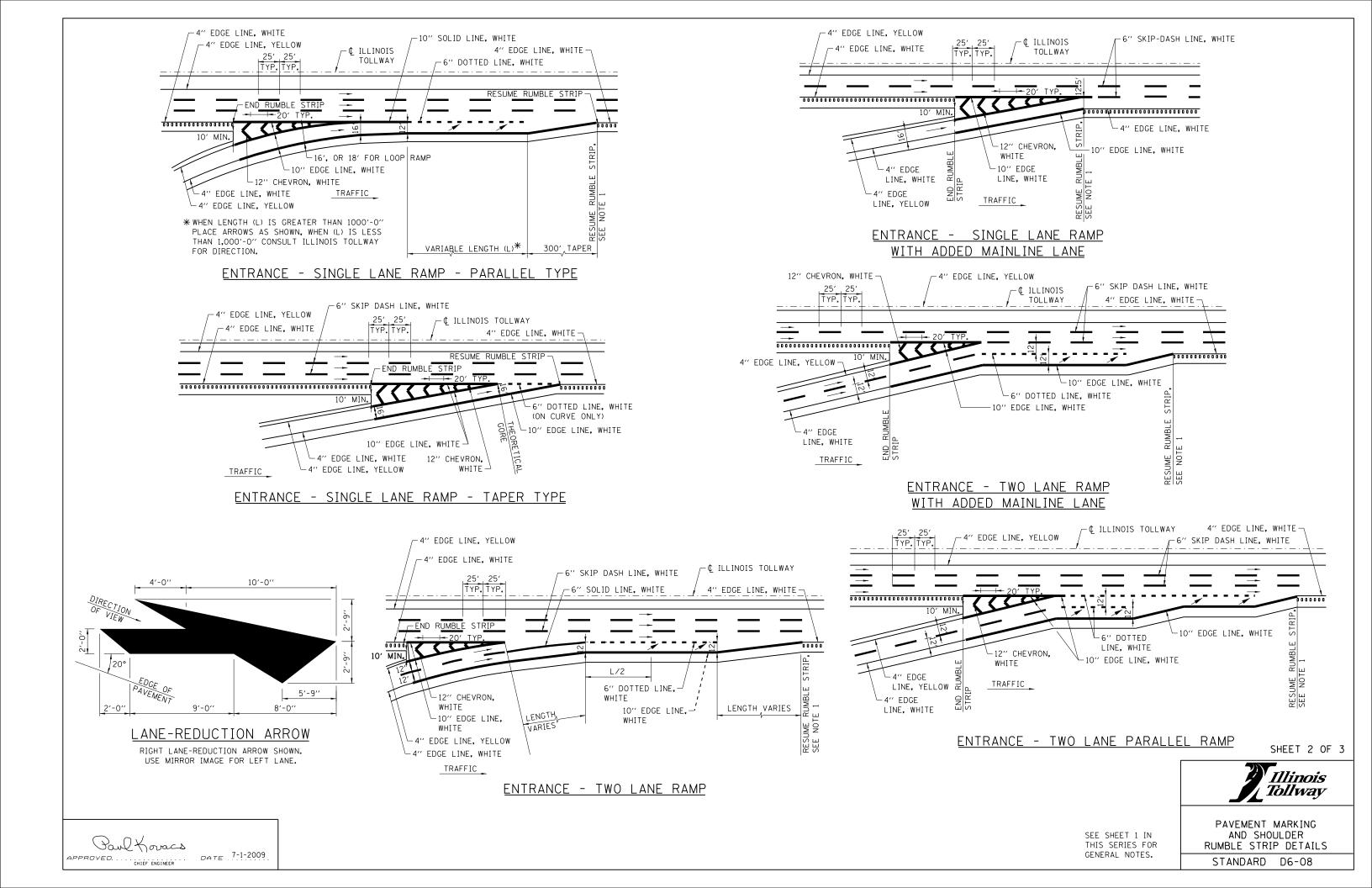


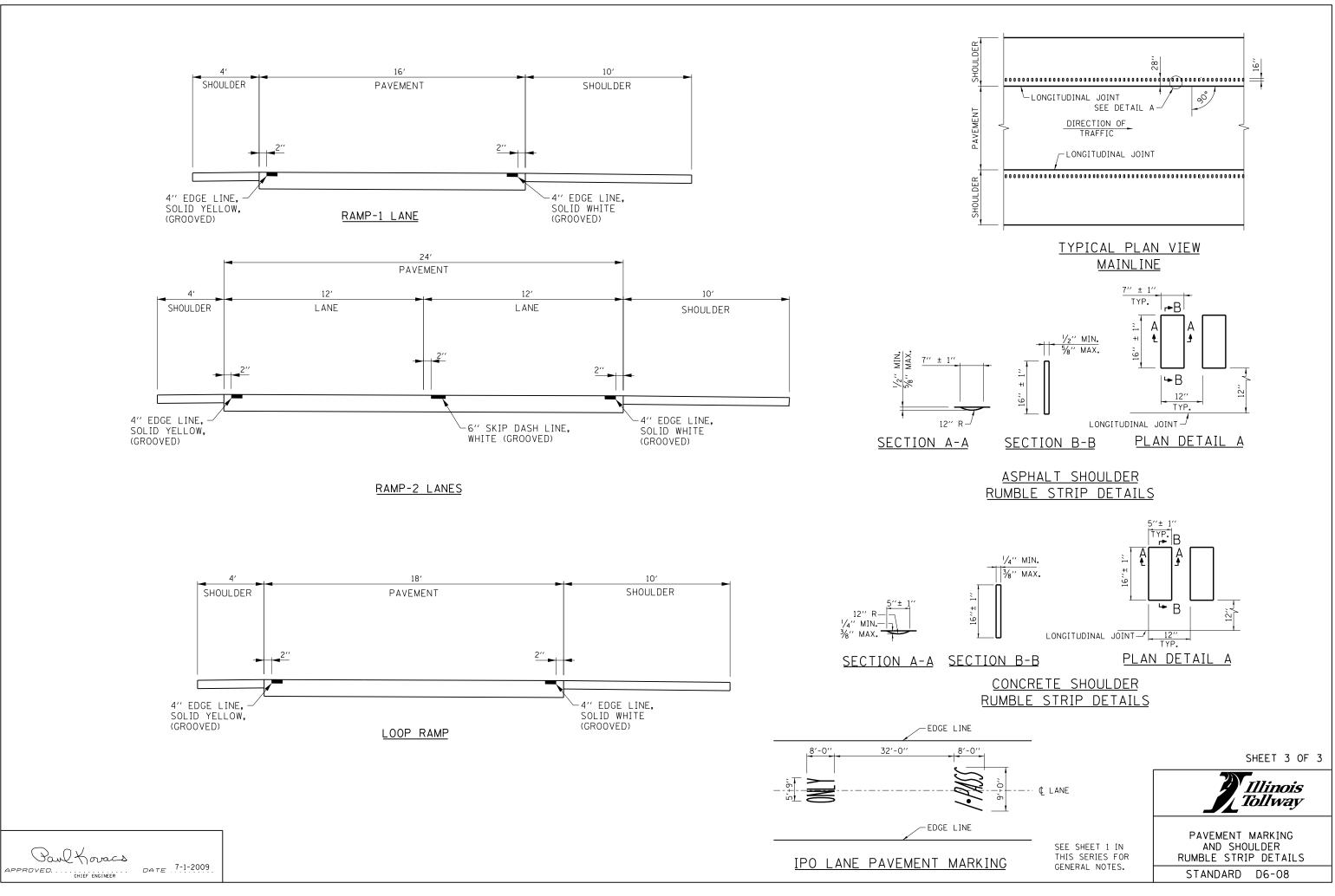
PERMANENT PAVEMENT MARKINGS

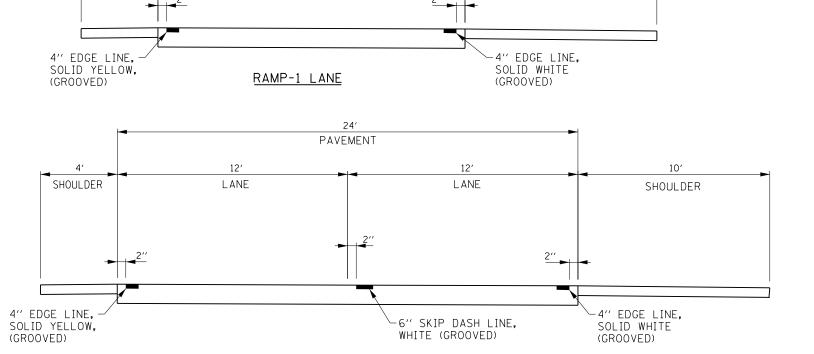
	REVISIONS	
	ADDED LINE GROOVING NOTES	PERMAN
	REVISED NOTES	l N
	REVISED EDGELINE OFFSET, REVISED NOTES	]
	REVISED NOTES	
	REVISED NOTES	STAND
)	REVISED EDGE LINE TO BE 4" MIN.	

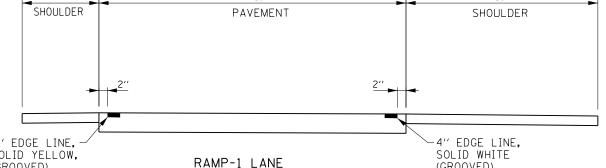
TANDARD D5-07

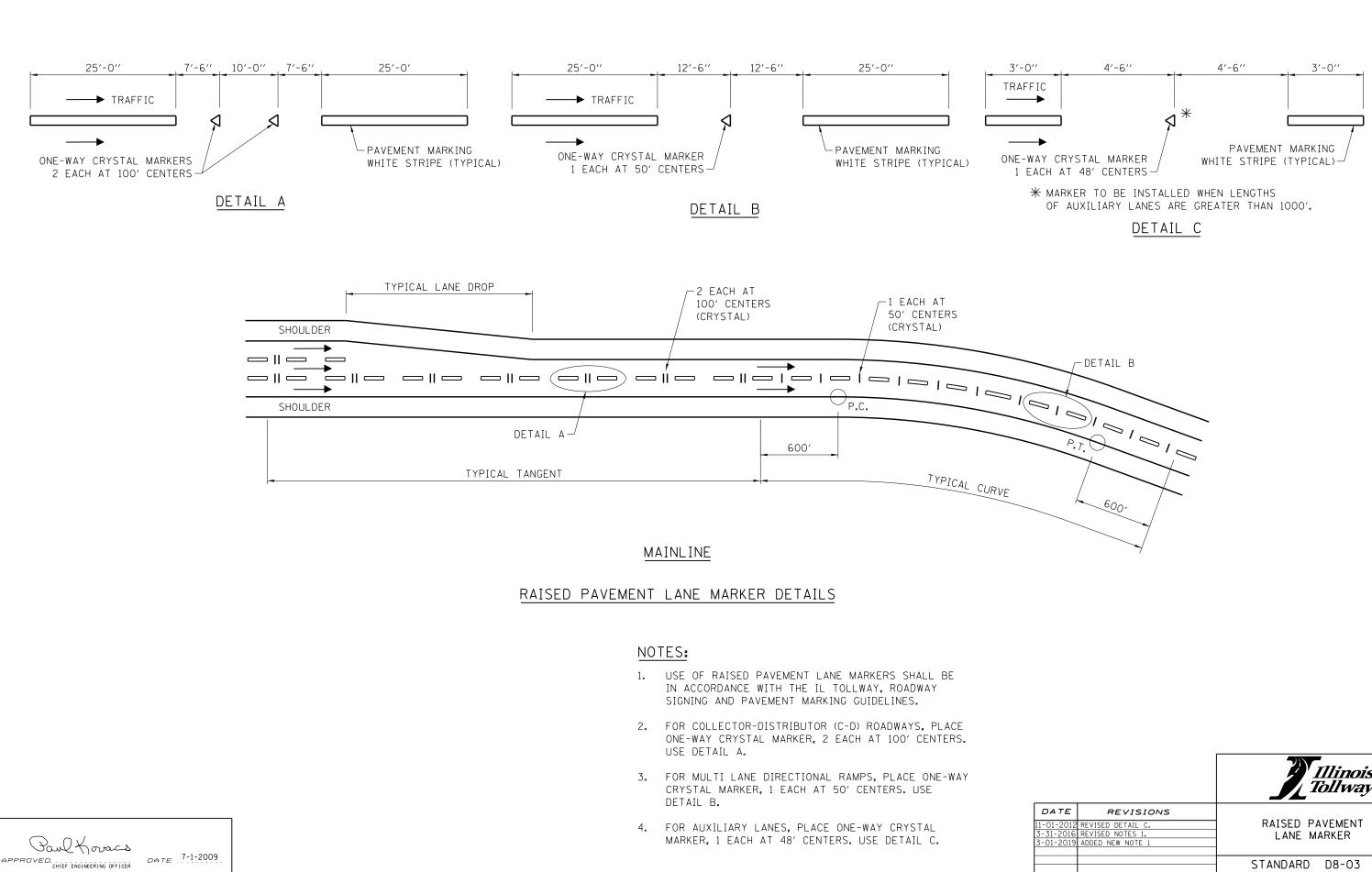












		Tollway
DATE	REVISIONS	
11-01-2012	REVISED DETAIL C.	RAISED PAVEMENT
	REVISED NOTES 1.	LANE MARKER
3-01-2019	ADDED NEW NOTE 1	
		STANDARD D8-03
3-31-2016		LANE MARKER