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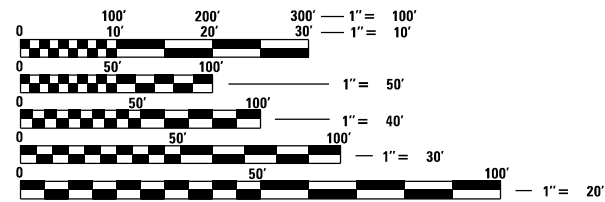
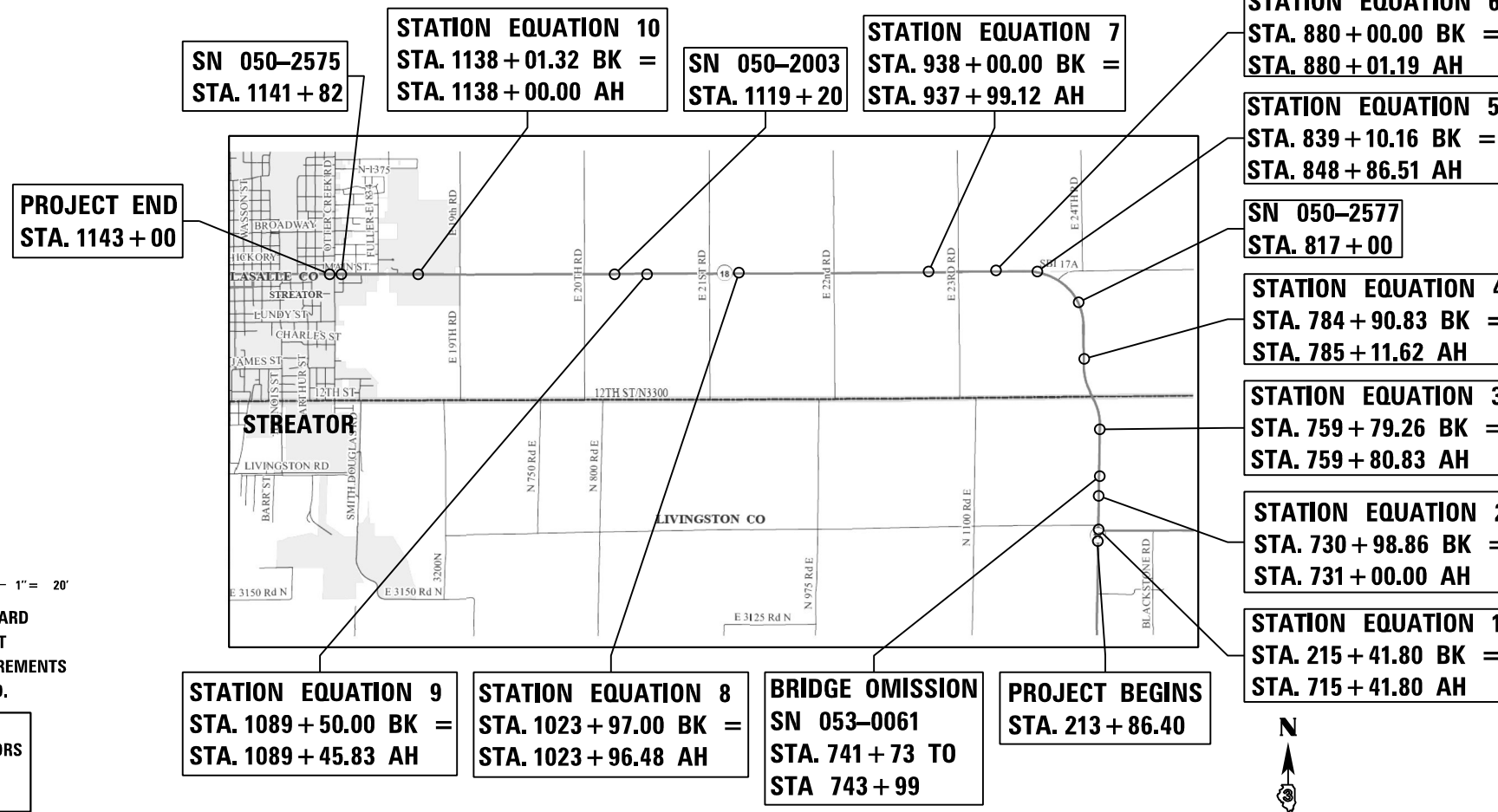
SEE SHEET 2 FOR HIGHWAY STANDARDS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 653 (IL 18)
SECTION (28,29) RS-3
PROJECT COVD-98JQ(447)
MILLING & RESURFACING (DESIGNED OVERLAY)
LASALLE & LIVINGSTON COUNTIES

C-93-061-11



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

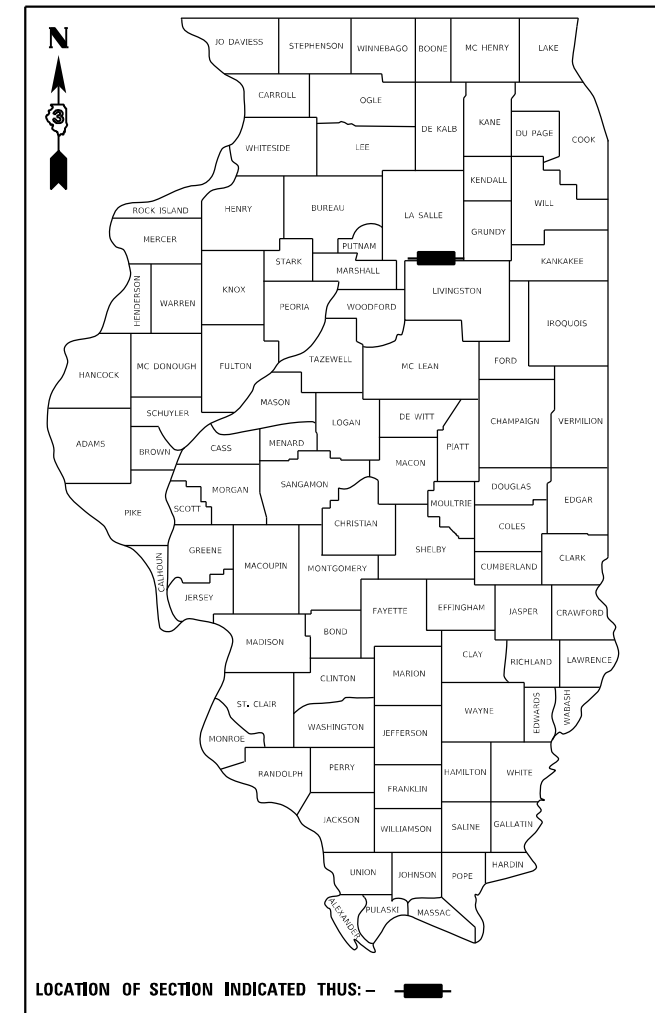
PROJECT ENGINEER: BRADLEY DUNCAN P.E.
UNIT CHIEF: STEPHENIE CARMIN
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66B05

GROSS LENGTH = 42848.45 FT. = 8.12 MILE
NET LENGTH = 42622.70 FT. = 8.07 MILE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-3	*	47	1
*LASALLE LIVINGSTON		ILLINOIS	CONTRACT NO. 66B05	

D-93-053-11



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL
2021 ADT = 3750

P.V. = 83.16% S.U. = 3.2% M.U. = 13.64%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 24 2023

James Ahmed
REGIONAL ENGINEER

May 12, 2023 *John A. Etk*
ENGINEER OF DESIGN AND ENVIRONMENT

May 12, 2023 *Steph McQuinn*
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-06 DEPRESSED CORNER FOR SIDEWALKS
- 424026-03 ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
- 424031-02 MEDIAN PEDESTRIAN CROSSINGS
- 442201-03 CLASS C AND D PATCHES
- 482011-03 HMA SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
- 542501-02 INLET BOX TYPE 24 A
- 542506-03 INLET BOX TYPE 24 B
- 542536-03 INLET BOX TYPE 36 A
- 542541-02 INLET BOX TYPE 48 A
- 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
- 604006-05 FRAME AND GRATE, TYPE 3
- 604036-03 GRATE, TYPE 8
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 630201-07 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
- 635001-02 DELINEATORS
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701427-05 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001-01 CURB REFLECTORS

GENERAL NOTES

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF GRADING & SHAPING DITCHES AND, FURNISHED EXCAVATION.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO EXPENSE TO THE DEPARTMENT. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

- AVANGRID RENEWABLES
- IL-AMERICAN WATER
- BP PIPELINES
- METRO COMMUNICATIONS
- BUCKEYE PARTNERS
- MEDIACOM
- COMED
- NICOR GAS
- FAIRPOINT COMMUNICATIONS
- CITY OF STREATOR
- FRONTIER COMM'S.

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

RESIDENT ENGINEER / TECHNICIAN

DATE: _____

START & END DATES
OF CONSTRUCTION: _____

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

INSPECTORS: _____

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

FILE NAME =	USER NAME = Joseph.Zeger	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
px:\idot-pw.bentley.com\PIDOT\Documents\IDOT Offices\District 3\Projects\0366805\CAD\DRAWING\0366805-0.sht-cover.dgn		CHECKED -	REVISED -			653	(28,29)RS-3	*	47	2
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
	PLOT DATE = 3/23/2023					SCALE:	SHEET	OF	SHEETS	STA.

HMA MIXTURE REQUIREMENT TABLE						
LOCATIONS:	STA. 1143+00 TO 19TH RD	19TH RD TO STA. 715+42	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA SURFACE	HMA BINDER	HMA SHOULDER BOTTOM LIFT	HMA SHOULDER TOP LIFT	HMA INCIDENTAL
BINDER GRADE (PG):	SBS PG 70-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 9.5	IL 19.0	IL 19.0	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIXTURE D	MIXTURE C				MIXTURE C
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:	QCQA	QCP	QCP	QCQA	QCQA	QCQA
SUBLOT SIZE:	NA	1000 TONS	1000 TONS	NA	NA	NA
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES	CORES	CORES/NUCLEAR	CORES/NUCLEAR	SATISFACTION OF ENGINEER
MATERIAL TRANSFER DEVICE (REQUIRED)	YES	YES	YES	NO	NO	NO

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 USER: jzagar

USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

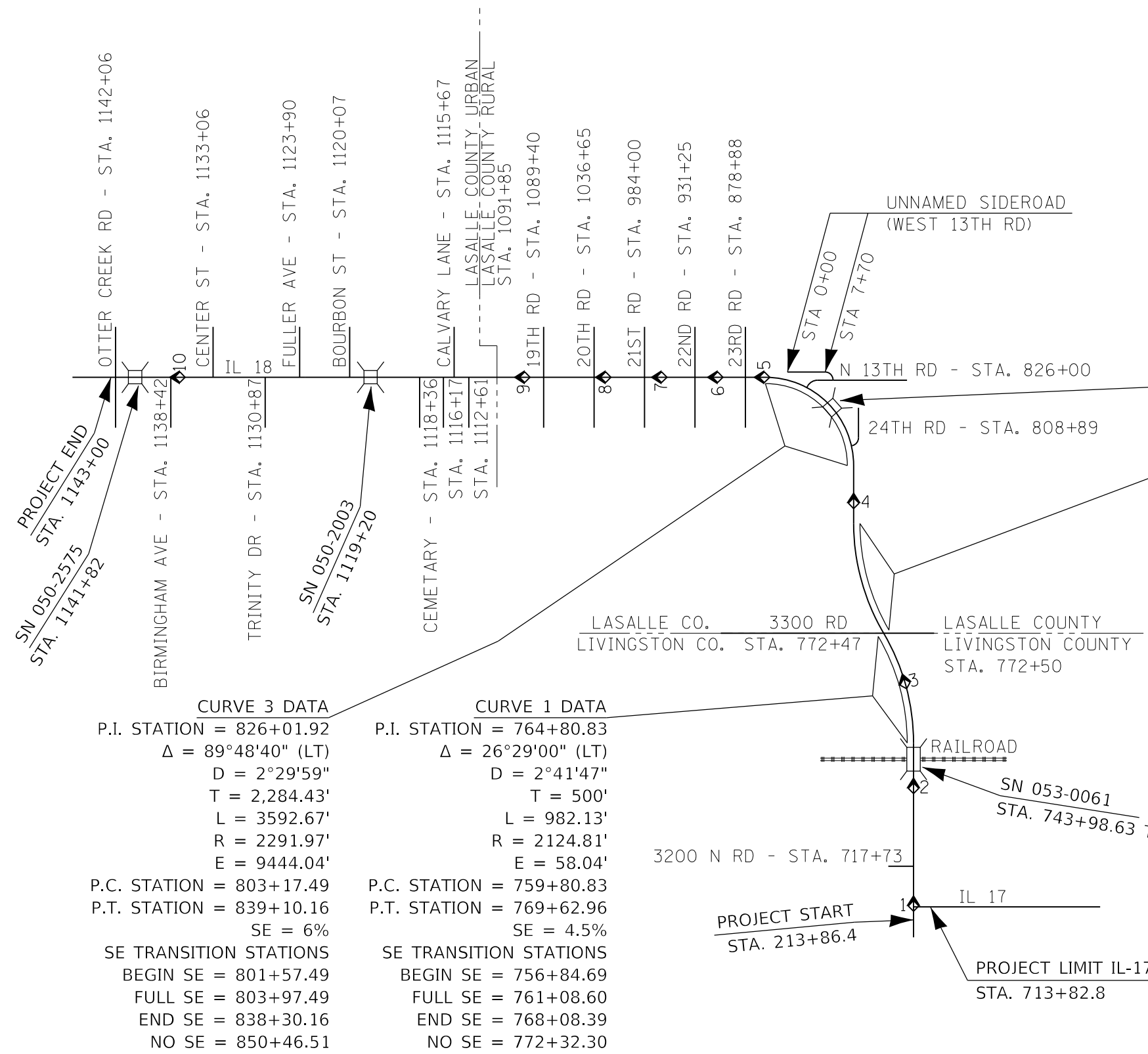
HMA MIX TABLE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	3
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				



STATION EQUATIONS	
1 - STA. 215+41.80 BK = STA. 715+41.80 AH	
2 - STA. 730+98.86 BK = STA. 731+00.00 AH	
3 - STA. 759+79.26 BK = STA. 759+80.83 AH	
4 - STA. 784+90.83 BK = STA. 785+11.62 AH	
5 - STA. 839+10.16 BK = STA. 848+86.51 AH	
6 - STA. 880+00.00 BK = STA. 880+01.19 AH	
7 - STA. 938+00.00 BK = STA. 937+99.12 AH	
8 - STA. 1023+97.00 BK = STA. 1023+96.48 AH	
9 - STA. 1089+50.00 BK = STA. 1089+45.83 AH	
10 - STA. 1138+01.32 BK = STA. 1138+00.00 AH	



CURVE 3 DATA

P.I. STATION = 826+01.92
 $\Delta = 89^{\circ}48'40''$ (LT)
 $D = 2^{\circ}29'59''$
 $T = 2,284.43'$
 $L = 3592.67'$
 $R = 2291.97'$
 $E = 9444.04'$
P.C. STATION = 803+17.49
P.T. STATION = 839+10.16
SE = 6%
SE TRANSITION STATIONS
BEGIN SE = 801+57.49
FULL SE = 803+97.49
END SE = 838+30.16
NO SE = 850+46.51

CURVE 1 DATA

P.I. STATION = 764+80.83
 $\Delta = 26^{\circ}29'00''$ (LT)
 $D = 2^{\circ}41'47''$
 $T = 500'$
 $L = 982.13'$
 $R = 2124.81'$
 $E = 58.04'$
P.C. STATION = 759+80.83
P.T. STATION = 769+62.96
SE = 4.5%
SE TRANSITION STATIONS
BEGIN SE = 756+84.69
FULL SE = 761+08.60
END SE = 768+08.39
NO SE = 772+32.30

CURVE 2 DATA

P.I. STATION = 780+06.76
 $\Delta = 25^{\circ}0'55''$ (RT)
 $D = 2^{\circ}32'31''$
 $T = 500'$
 $L = 984.06'$
 $R = 2253.93'$
 $E = 54.79'$
P.C. STATION = 775+06.76
P.T. STATION = 784+90.83
SE = 4.5%
SE TRANSITION STATIONS
BEGIN SE = 772+32.30
FULL SE = 776+56.20
END SE = 783+58.10
NO SE = 787+82.00

NOT TO SCALE

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USER NAME = Joseph.Zagar	DESIGNED - R.LINDENMIER	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 9-26-2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM	
SCALE: NONE	SHEET 1 OF 1 SHEETS
STA. 213+86.4	TO STA. 1143+00

F.A.P. RTE. 653	SECTION (28,29)R5-3	COUNTY * LASALLE LIVINGSTON	TOTAL SHEETS 47	SHEET NO. 4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66B05	

PERMANENT SURVEY MARKER AND MONUMENT SCHEDULE

MONUMENT NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
018200	NE CORNER SECTION 36, T31N, R3E, 3RD PM	OTTER CREEK ROAD INTERSECTION	SURVEY NAIL	TYPE 1	YES	1
018201	NW CORNER SECTION 31, T31N, R4E, 3RD PM	OTTER CREEK ROAD INTERSECTION	SURVEY NAIL PER MONUMENT RECORD	TYPE 1	YES	1
018001	PRIVATE SURVEY PROPERTY CORNER	1/2 MI WEST OF E 19TH ROAD INTERSECTION, N ROW LINE	SURVEY NAIL	SURVEY NAIL	NO	2
018004	S QTR CORNER SECTION 30, T31N, R4E, 3RD PM	1/2 MI WEST OF E 19TH ROAD INTERSECTION	MAG NAIL PER MONUMENT RECORD	TYPE 1	YES	1
018002	S QTR CORNER SECTION 30, T31N, R4E, 3RD PM SECOND OPINION		SURVEY NAIL	COORDINATE ONLY	REFERENCE ON NEW M.R.	
018203	SE CORNER SECTION 30, T31N, R4E, 3RD PM	E 19TH ROAD INTERSECTION	MAG NAIL PER MONUMENT RECORD	TYPE 1	YES	1
A018203	SE CORNER SECTION 30, T31N, R4E, 3RD PM SECOND OPINION		RAILROAD SPIKE	COORDINATE ONLY	REFERENCE ON NEW M.R.	
018205	SE CORNER SECTION 29, T31N, R4E, 3RD PM	E 20TH ROAD INTERSECTION	MAG NAIL	MAG NAIL	NO	2
A018205	SE CORNER SECTION 29, T31N, R4E, 3RD PM SECOND OPINION		RAILROAD SPIKE	RAILROAD SPIKE	NO	2
018206	S QTR CORNER SECTION 28, T31N, R4E, 3RD PM	1/2 MI EAST OF E 20TH ROAD INTERSECTION	MAG NAIL	MAG NAIL	NO	2
018207	SE CORNER SECTION 28, T31N, R4E, 3RD PM	E 21ST ROAD INTERSECTION	MAG NAIL PER MONUMENT RECORD	TYPE 1	YES	1
A018207	SE CORNER SECTION 28, T31N, R4E, 3RD PM SECOND OPINION		MINI MAG NAIL	COORDINATE ONLY	REFERENCE ON NEW M.R.	
018209	SE CORNER SECTION 27, T31N, R4E, 3RD PM	E 22ND ROAD INTERSECTION	RESET PK NAIL RUST HOLE	TYPE 1	YES	1
A018211	SE CORNER SECTION 26, T31N, R4E, 3RD PM	E 23RD ROAD INTERSECTION	3/4" ID PIPE	TYPE 1	YES	1
018212	S QTR CORNER SECTION 25, T31N, R4E, 3RD PM	1/2 MI EAST OF E 23RD ROAD INTERSECTION	SURVEY NAIL PER MONUMENT RECORD	TYPE 1	YES	1
018215	E QTR CORNER SECTION 36, T31N, R4E, 3RD PM	1/2 MI N OF N 12TH RD INTERSECTION	MAG NAIL OVER CHISELED CROSS	TYPE 1	YES	1
018217	E QTR CORNER SECTION 1, T30N, R4E, 3RD PM	1/2 MI N OF RTE 17 EAST	BURIED PLAQUE	TYPE 1	YES	1
018218	SE CORNER SECTION 1, T30N, R4E, 3RD PM	3200 N ROAD INTERSECTION	BURIED PLAQUE	TYPE 1	YES	1
018219	SW CORNER SECTION 6, T30N, R5E, 3RD PM	RTE 18 / RTE 17 INTERSECTION	NAIL STEM OVER BURIED PLAQUE	TYPE 1	YES	1

ONLY THE ORIGINAL SCOPE OF THIS JOB HAS BEEN SEARCHED FOR MONUMENTS. R.E. MUST INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS PRIOR TO MILLING IF ADDENDUMS HAVE BEEN ADDED TO THIS JOB.

***** RE WILL INFORM PLATS AND PLANS OF THE ANTICIPATED MILLING SCHEDULE FOR THE PURPOSE OF VERIFYING BURIED MONUMENT LOCATIONS EXPOSED BY THE MILLING *****

UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. IS REQUIRED TO PROTECT THE MONUMENT FROM DAMAGE UNTIL A PLATS AND PLANS LAND SURVEYOR CAN DOCUMENT THE MONUMENT. PLATS AND PLANS WILL RESET SUCH MONUMENTS IN KIND FOLLOWING CONSTRUCTION.

UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS TO STAKE FOR TYPE 1 CORING AND SET THE OTHER LISTED MONUMENT.

NOTE: FOR BIDDING PURPOSES NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED.

PLATS AND PLANS WILL PREPARE THE REQUIRED MONUMENT RECORDS.

RESPONSIBILITY:

- 1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
- 2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PERMANENT SURVEY MARKER TABLE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	5
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

100% FEDERAL

CONSTRUCTION CODE

HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON	LASALLE	LASALLE
ROADWAY 0005	ROADWAY 0005	ROADWAY 0005
RURAL	RURAL	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005 RURAL	ROADWAY 0005 RURAL	ROADWAY 0005 URBAN
20400800	FURNISHED EXCAVATION	CU YD	215	58	68	89
20800150	TRENCH BACKFILL	CU YD	277			277
21400100	GRADING AND SHAPING DITCHES	FOOT	3800	300	3500	
25000210	SEEDING, CLASS 2A	ACRE	3	1	1.75	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	254	68	161	25
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	254	68	161	25
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	254	68	161	25
25100630	EROSION CONTROL BLANKET	SQ YD	13494	3520	8574	1400
28100107	STONE RIPRAP, CLASS A4	SQ YD	111	81	30	
28200200	FILTER FABRIC	SQ YD	111	81	30	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	60			60
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	126	15	91	20
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	87800	12260	63645	11895
40600370	LONGITUDINAL JOINT SEALANT	FOOT	43752	6108	32528	5116

* SPECIALTY ITEM

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USER NAME = RachelDutley	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 653	SECTION (28,29)RS-3	COUNTY *	TOTAL SHEETS 47	SHEET NO. 6
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE

HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 URBAN
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 URBAN
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	36	5	27	4
40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	62	9	46	7
40600990	TEMPORARY RAMP	SQ YD	1267	294	365	608
40603080	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N50	TON	15304	2003	11418	1883
40604050	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N50	TON	9187	1568	7619	
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	1315		60	1255
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1217	92	674	451
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	537			537
* 42400800	DETECTABLE WARNINGS	SQ FT	92			92
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	121982	16418	90618	14946
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	99			99
44000600	SIDEWALK REMOVAL	SQ FT	624			624
44200964	CLASS B PATCHES, TYPE IV, 9 INCH	SQ YD	29			29
44201299	DOWEL BARS 1 1/2"	EACH	2			2

* SPECIALTY ITEM

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 653	SECTION (28,29)RS-3	COUNTY *	TOTAL SHEETS 47	SHEET NO. 7
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE

HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON	LASALLE	LASALLE
ROADWAY	ROADWAY	ROADWAY
0005	0005	0005
RURAL	RURAL	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	103			103
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	81			81
44213200	SAW CUTS	FOOT	142			142
44213204	TIE BARS 3/4"	EACH	48			48
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2369	330	1762	277
48203100	HOT-MIX ASPHALT SHOULDERS	TON	195	195		
54390140	INSERTION CULVERT LINER 18"	FOOT	140		140	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	27			27
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	280			280
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	287			287
550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	201			201
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	804			804
56109210	WATER VALVES TO BE ADJUSTED	EACH	4			4
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6			6

* SPECIALTY ITEM

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-3	*	47	8
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE		
HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON	LASALLE ROADWAY	LASALLE ROADWAY
0005	0005	0005
RURAL	RURAL	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1			1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	5			5
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	2			2
60260100	INLETS TO BE ADJUSTED	EACH	1			1
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3			3
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	68			68
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	33.5			33.5
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	53	28	25	
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	122	90	32	
60905305	BOX CULVERTS TO BE CLEANED	FOOT	234		234	
63500105	DELINEATORS	EACH	36	6	26	4
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	12	2	7	3
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	95	57	28.5	9.5
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	6	3	1

* SPECIALTY ITEM

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USER NAME = Cody, M. Johnson	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-3	*	47	9
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

100% FEDERAL

CONSTRUCTION CODE

HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 URBAN
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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 URBAN
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.33	0.34	0.33
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.33	0.34	0.33
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	10	6	3	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	1.33	1.34	1.33
67100100	MOBILIZATION	L SUM	1	0.33	0.34	0.33
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.33	0.34	0.33
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.33	0.34	0.33
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.33	0.34	0.33
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1			1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.33	0.34	0.33
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4602	701	3323	578
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1533	234	1107	192
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62		62	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	422			422

* SPECIALTY ITEM

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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-3	*	47	10
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE		
HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON ROADWAY	LASALLE ROADWAY	LASALLE ROADWAY
0005	0005	0005
RURAL	RURAL	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 RURAL	LASALLE ROADWAY 0005 URBAN
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	523	403	120	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	518	184	334	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	178	80	32	66
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	200440	34268	145708	20464
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	19684	2432	14694	2558
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	62		62	
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	945	403	120	422
* 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	231	184	47	
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	287		287	
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	178	80	32	66
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	522	72	386	64
* 78200020	CURB REFLECTORS	EACH	36	24	12	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	497	68	368	61
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1			1

* SPECIALTY ITEM

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE. 653	SECTION (28,29)RS-3	COUNTY *	TOTAL SHEETS 47	SHEET NO. 11
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE		
HWY - INF - COVID - SUPPLEMENTAL LIVINGSTON	LASALLE	LASALLE
ROADWAY	ROADWAY	ROADWAY
0005	0005	0005
RURAL	RURAL	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY			
X0326341	REATTACH END SECTION	EACH	2		2	
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	4490	18	4472	
X6040177	SPECIAL GRATE NO. 1	EACH	1			1
X0327423	CONNECTION TO EXISTING CULVERT	EACH	1			1
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	8039	974	4319	2746
X4402805	ISLAND REMOVAL	SQ FT	607	445	162	
X6061055	CONCRETE ISLAND (SPECIAL)	SQ FT	244	187	57	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	21		21
∅ Z0076600	TRAINEES	HOUR	1,000	1,000		
Z0034105	MATERIAL TRANSFER DEVICE	TON	25808	3571	19098	3139
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		
Z0055300	RUMBLE STRIP	EACH	36	18		18

* SPECIALTY ITEM

∅ 0042

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	DRAWN -	REVISED -
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PLOT DATE = 3/24/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

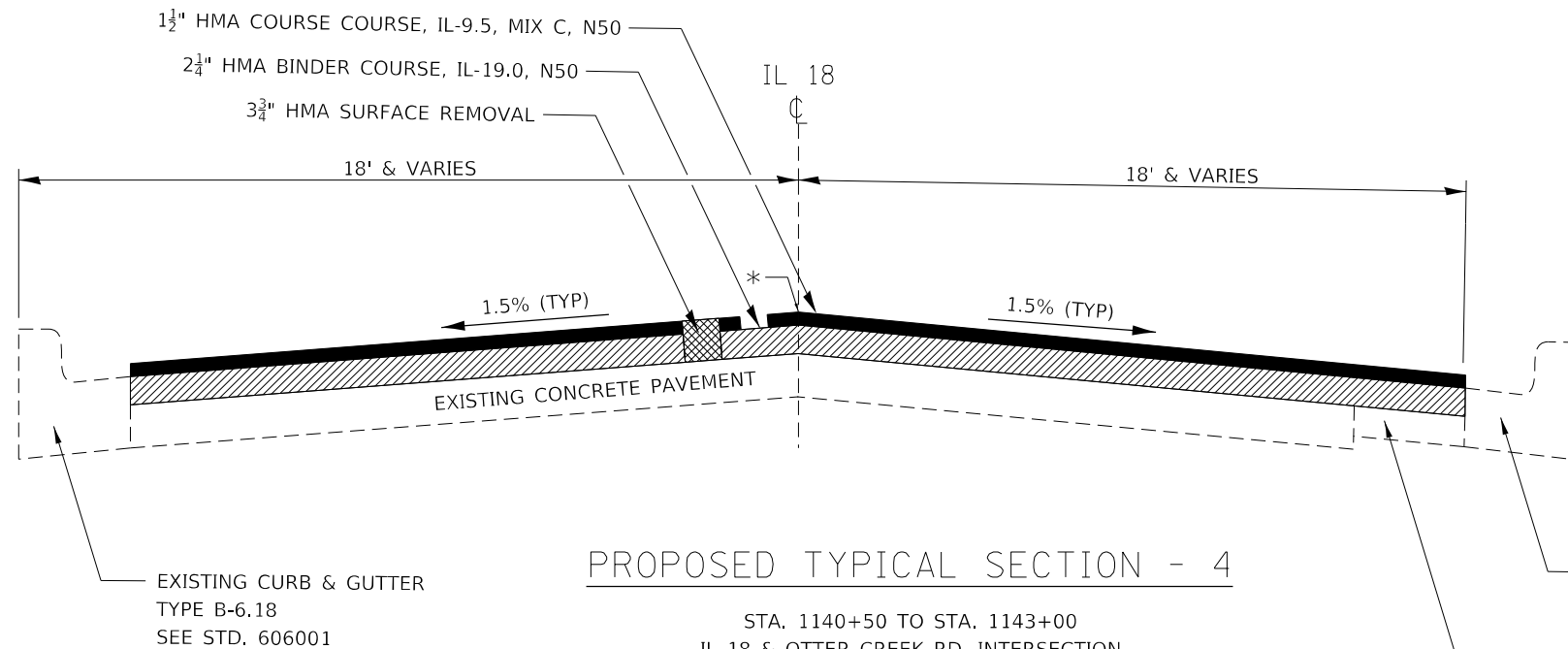
SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-3	*	47	12
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

*** LONGITUDINAL JOINT SEALANT**

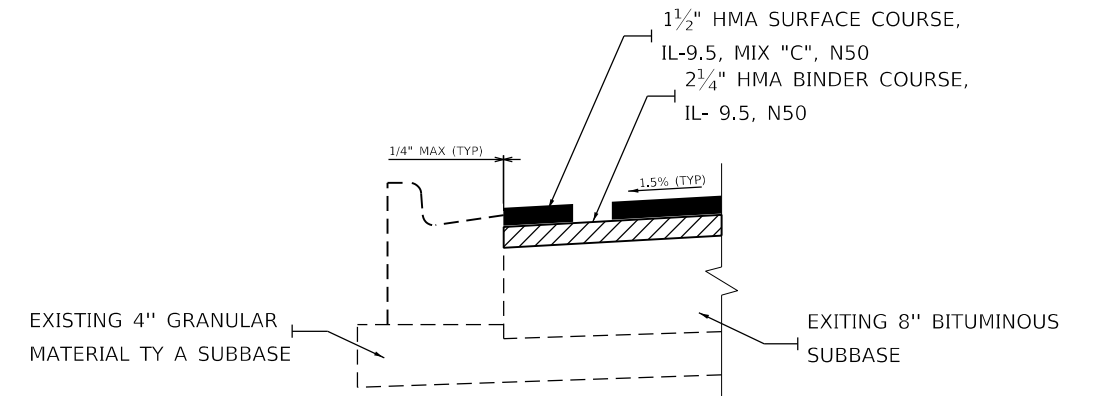
NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE.



PROPOSED TYPICAL SECTION - 4

STA. 1140+50 TO STA. 1143+00
IL 18 & OTTER CREEK RD. INTERSECTION
LOOKING WEST

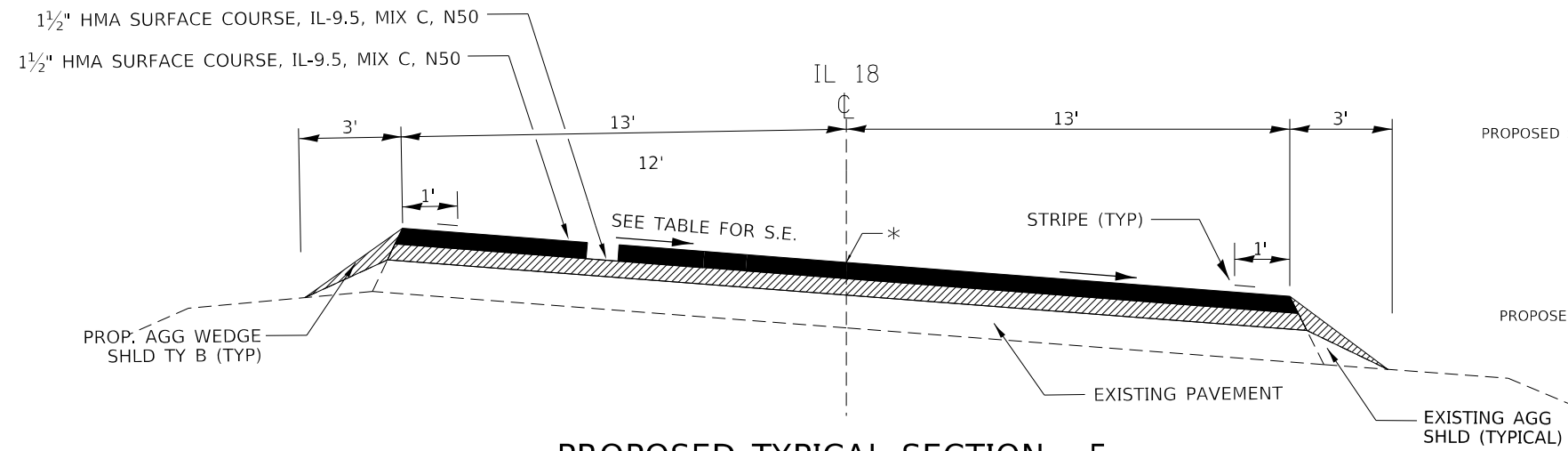
NOTE:
OLD PARKING LANES HAVE BEEN TAPERED DOWN TO CURB.
MILL ONLY 3/16"/FT SLOPE FROM CENTERLINE TO PARKING LANES



DETAIL A

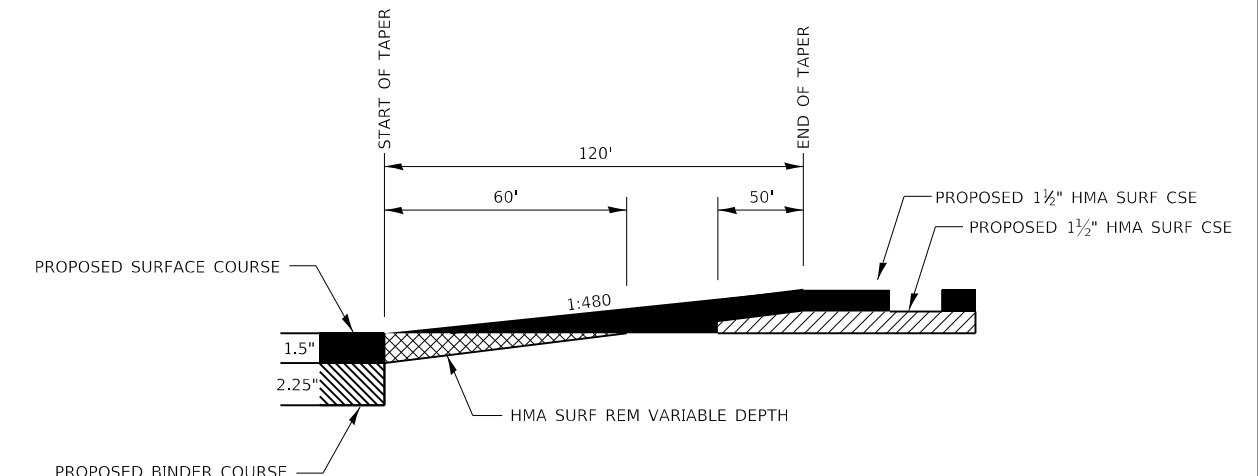
CURBED AREAS WITH NO HMA OVERLAY OF GUTTER
STA 1140+50 TO STA 1143+00 LT & RT

EXISTING CURB AND GUTTER
TYPE B-6.24
SEE STD. 606001
BIT. CONC. BASE CSE. SUPERPAVE 8 1/2"



PROPOSED TYPICAL SECTION - 5

STA. 768+30 TO STA. 774+20
LOOKING NORTH



TAPER AT PROFILE INCREASE

STA. 768+30 TO STA. 769+50
STA. 773+00 TO STA. 774+20

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USER NAME = Joseph.Zagar	DESIGNED - C. NELSON	REVISED -
	DRAWN - C. JOHNSON	REVISED -
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PLOT DATE = 3/23/2023	DATE -	REVISED -

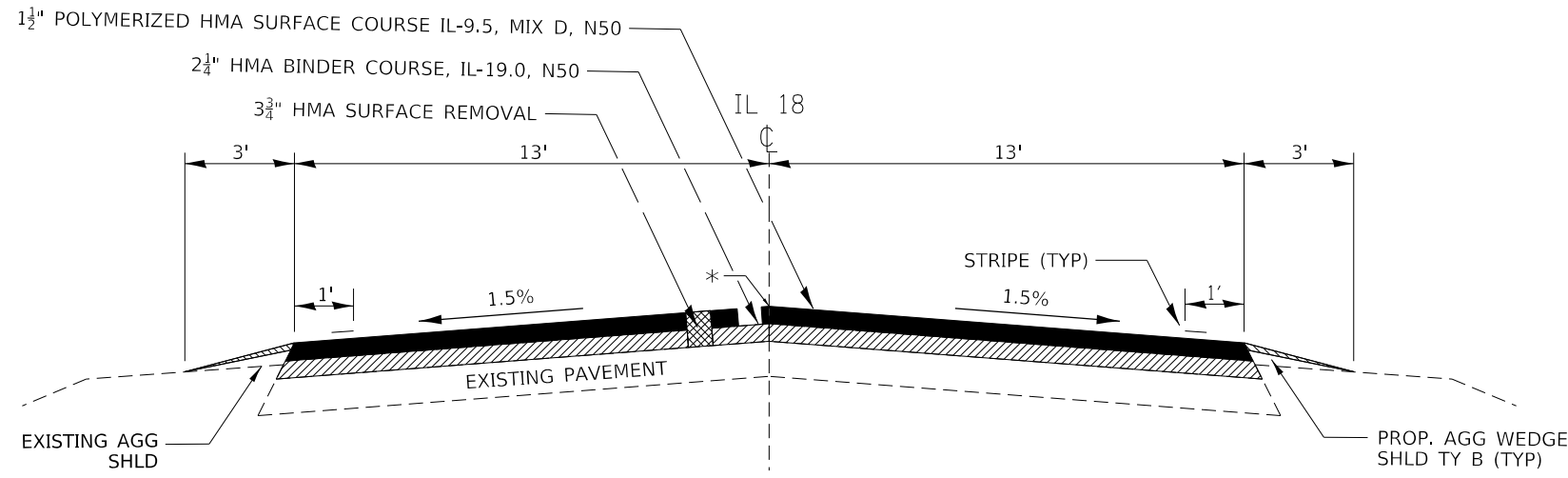
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 653	SECTION (28,29)R5-3	COUNTY *	TOTAL SHEETS 47	SHEET NO. 14
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

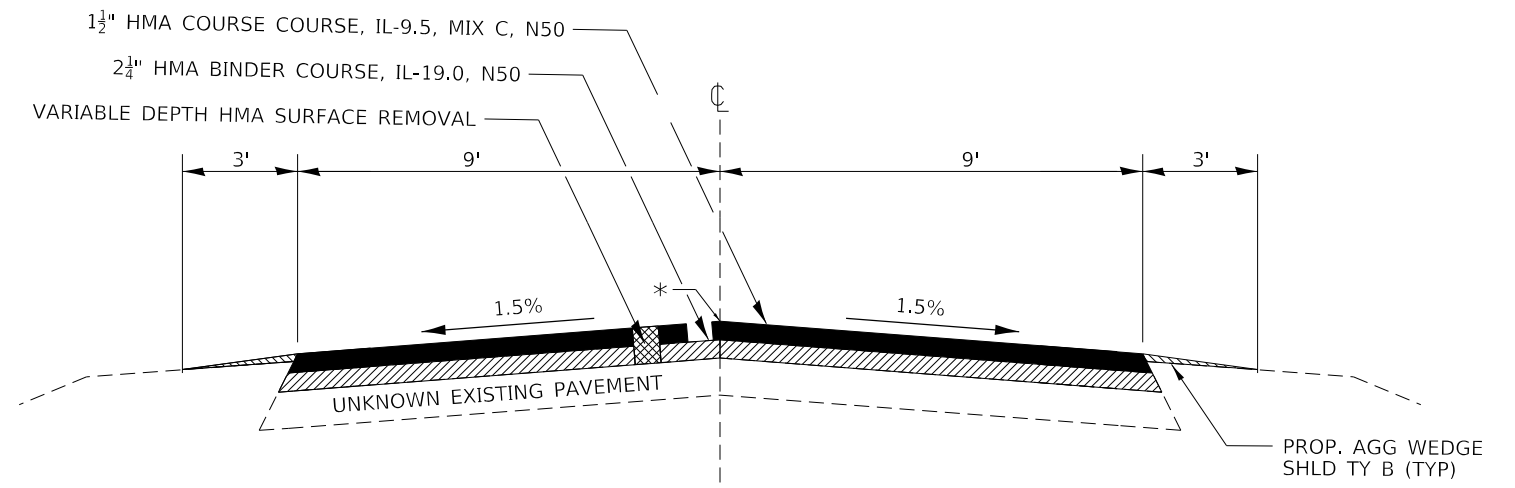
*** LONGITUDINAL JOINT SEALANT**

NOTE: LONGITUDINAL JOINT SEALANT IS PLACED ON THE TOP OF THE BINDER COURSE JOINTS/UNDERNEATH THE SURFACE COURSE.



PROPOSED TYPICAL SECTION - 6

STA. 1089+40 TO STA. 1140+50
LOOKING WEST



PROPOSED TYPICAL SECTION - 7

WEST 13TH RD
STA. 0+00 TO STA. 7+70
LOOKING EAST

MODEL: Default
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USER NAME = Stephenie.Carmin	DESIGNED -	REVISED -
	DRAWN - C. JOHNSON	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S. CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-3	*	47	15
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

MAINLINE SCHEDULE (2/2)

LOCATION			LENGTH	AGG SHLD TY. B	MIX FOR CRACKS, JOINTS & FLGWYS	HMA SHLD	TEMP RAMP	MATL TRANSFER DEVICE	
STATION	TO	STATION	DESCRIPTION	FOOT	TON	TON	TON	SQ YD	EACH
LIVINGSTON COUNTY RURAL									
713+82.80	TO	715+41.80	AH IL 17 EAST SEGMENT	159	9.1	0.1	55.7	87.5	111
213+86.40	TO	215+41.80	BK IL 17 SOUTH SEGMENT	155	8.8	0.1	54.3	87.5	116
715+41.80	AH	TO	717+85.00	IL18/IL17 INTERSECTION (EQ 1) TO END OF HMA SHLD	243	13.8	0.2	85.1	232
717+85.00	TO	730+98.86	BK END OF HMA SHLD TO EQ 2	1314	74.8	1.1			797
731+00.00	AH	TO	741+72.88	EQ 2 TO BRIDGE	1073	61.1	0.9	36.1	651
741+72.88	TO	743+98.63	BRIDGE OMISSION	226					
743+98.63	TO	756+84.69	BRIDGE TO TYPICAL 1 END	1286	73.2	1.1		36.1	780
756+84.69	TO	759+79.26	BK TYPICAL 2 START TO EQ 3	295	16.8	0.3			179
759+80.83	AH	TO	767+86.00	EQ 3 TO PROFILE INCREASE TAPER	805	48.3	0.7		515
767+86.00	TO	769+50.00	PROFILE INCREASE TAPER	164	6.8	0.1			44
769+50.00	TO	772+50.00	FULL PROFILE INCREASE TO COUNTY LINE	300	17.1	0.3			146
SUBTOTAL LIVINGSTON RURAL				5794	330	5	195	247	3571
LASALLE COUNTY RURAL									
772+50.00	TO	773+00.00	COUNTY LINE TO END OF FULL PROFILE INCREASE	50	2.8	0.0			24
773+00.00	TO	774+64.00	PROFILE INCREASE TAPER (DOWN)	164	6.8	0.1			44
774+64.00	TO	784+90.83	BK END OF PROFILE INCREASE TAPER TO EQ 4	1027	61.0	0.9			650
785+11.62	AH	TO	787+82.00	EQ 4 TO TYPICAL 2 SECTION END	270	15.4	0.2		164
787+82.00	TO	801+57.49	TYPICAL 1 START TO END	1375	78.3	1.2			834
801+57.49	TO	820+20.00	TYPICAL 3 START TO START OF MEDIAN WIDENING	1863	106.1	1.6			1130
820+20.00	TO	825+63.00	MEDIAN TAPER	543	30.9	0.6			418
825+63.00	TO	831+90.00	FULL MEDIAN	627	35.7	0.8			585
831+90.00	TO	836+06.00	MEDIAN TAPER	416	23.7	0.5			320
836+06.00	TO	839+10.16	BK END OF MEDIAN TAPER TO EQ 5	304	17.3	0.3			184
848+86.51	AH	TO	850+46.51	EQ 5 TO TYPICAL 3 END	160	9.1	0.1		97
850+46.51	TO	880+00.00	BK TYPICAL 1 START TO EQ 6	2953	168.2	2.6			1791
880+01.19	AH	TO	938+00.00	BK EQ 6 to EQ 7	5799	330.2	5.0		3518
937+99.12	AH	TO	1023+97.00	BK EQ 7 to EQ 8	8598	489.6	7.5		5216
1023+96.48	AH	TO	1089+40.00	EQ 8 TO 19TH RD	6544	372.6	5.7		3970
1089+40.00	TO	1089+50.00	BK 19TH RD TO EQ 9	10	0.6	0.0			6
1089+45.83	AH	TO	1091+85.00	EQ 9 TO URBAN LINE	239	13.6	0.2		145
0+00.00	TO	7+70.00	UNNAMED SIDEROAD (WEST 13TH ST)	770	43.8	0.5		25.0	323
SUBTOTAL LASALLE RURAL				31712	1806	28	0	25	19421
LASALLE COUNTY URBAN									
1091+85.00	TO	1138+01.32	BK URBAN LINE TO EQ 10	4616	262.9	4.0			2800
1138+00.00	AH	TO	1140+50.00	EQ 10 TO TYPICAL 1 END	250	14.2	0.2		152
1140+50.00	TO	1143+00.00	TYPICAL 4 TO END OF PROJECT	250		0.3		315.3	187
SUBTOTAL LASALLE URBAN				5116	277	4	0	315	3139
TOTAL				42622	2413	37	195	587	26131

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USER NAME = Joshua.Ferguson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/23/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	17
*LASALLE, LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS		FED. AID PROJECT		

PATCHING SCHEDULE								
LOCATION	PATCH LENGTH	PATCH WIDTH	CL B PATCH T4 9	CL D PATCH		DOWEL BARS 1 1/2	SAW CUTS	TIE BARS 3/4
				T2 4	T4 4			
STATION	FOOT	FOOT	SQ YD	SQ YD	SQ YD	EACH	FOOT	EACH
LASALLE COUNTY URBAN								
1141+77	65	6	43			4	148	62
1140+65	20	4		9				
1139+98	18	4		8				
1139+40	26	4		12				
1139+14	136	3			45			
1137+34	12	4		5				
1136+60	17	4		8				
1135+50	19	4		8				
1133+30	45	4			20			
1132+34	36	4			16			
1130+60	30	4			13			
1129+15	20	4		9				
1127+90	17	4		8				
1127+25	22	4		10				
1126+27	30	4		13				
TOTAL			43	103	81	4	148	62

SIDEROAD AND ENTRANCE SCHEDULE (1/5)											
LIVINGSTON COUNTY RURAL											
STA	SIDE	NAME	TYPE	MATL	OFFSET	AREA	HMA SURF	INC	BIT	TEMP	AGG
					FROM EOP		REM VAR DEPTH	HMA SURF	MATL TACK CT		RAMP
					FOOT	SQ YD	SQ YD	TON	POUND	SQ YD	TON
717+73	LT	3200 N RD	SR	HMA	60	367.2	367	77.1	248	33	
734+46	LT		FE	AGG	10	20					4.3
736+00	RT		FE	AGG	10	20.9					4.5
748+30	LT		FE	AGG	10	13.3					2.8
756+93	RT		FE	AGG	10	21.1					4.5
772+47	RT	E 3300 RD N	SR	HMA	15	55.5	0*	16.8	37	29	
772+47	LT	E 3300 RD N	SR	HMA	25	108.3	0*	16.8	73	22	
TOTAL LIVINGSTON RURAL							367	111	358	84	16

*PROFILE INCREASE ON MAINLINE AT THIS SECTION

ADJUSTMENT SCHEDULE					
LOCATION			WATER VALVES TO BE ADJ EACH	FRAMES AND LIDS TO BE ADJ (SP) EACH	INLETS TO BE ADJ EACH
STATION	SIDE	OFFSET FROM CL FT			
LASALLE COUNTY URBAN					
1142+42	LT	30		1	
1142+05	LT	60		1	
1141+92	RT	30		1	
1142+05	RT	CL		1	
1141+62	RT	27			1
1141+95	LT	24	1		
1142+14	LT	35	1		
1141+96	RT	43	1		
1142+60	LT	18	1		
TOTAL			4	4	1

ISLAND SCHEDULE								
LOCATION			ISLAND REM SPL	CONCRETE ISLAND SPL*	CURB REFLECTORS	COMB CC&G TM6.24	COMB CC&G TM6.06	SIGN POST BLOCK-OUTS*
UNITS			SQ FT	SQ FT	EACH	FOOT	FOOT	EACH
LIVINGSTON CO. RURAL								
STA	715+04	RT. 17 (S)	191	78	12	40	14	3
STA	715+04	RT. 17 (N)	254	109	12	50	14	3
SUBTOTAL LIVINGSTON RURAL			445	187	24	90	28	6
LASALLE CO. RURAL								
STA	826+25	CH 40E (N)	162	56	12	32	24	1
SUBTOTAL LASALLE RURAL			162	56	12	32	24	1
TOTAL			607	243	36	122	52	7

*NOTE : THE INSTALLATION OF SIGN POST BLOCK-OUTS FOR TRAFFIC SIGNS ON THE CONCRETE ISLANDS SHALL BE INCLUDED WITH THE COST OF CONCRETE ISLAND (SPECIAL). SEE PLAN DETAILS FROM ORIGINAL CONSTRUCTION FOR LOCATIONS AND SPACING REQUIREMENTS. SIZING OF BLOCKOUTS SHALL BE 1'-0" SQ. OR 15" DIAMETER EACH.

ADA SIDEWALK SCHEDULE												
LOCATION			EARTH EX	AGG BASE CSE B 4	PCC SW 4"	DETECTABLE WARNINGS	COMB C&G REM	SW REM	COMB CC&G TB 6.18	COMB CC&G TB 6.24	SPECIAL GRATE NO. 1	
LASALLE CO URBAN	OTTER CREEK RD	QUAD	CU YD	SQ YD	SQ FT	SQ FT	FOOT	SQ FT	FOOT	FOOT	EACH	
			SW		26.00	234.00	31.0	39	229	40		
			NW		19.00	172.00	22.3	28	243	28		
TOTAL			1.81	16.00	148.00	38.6	32	152	68	34	1	

*EARTH EXCAVATION QUANTITY ON THIS SCHEDULE IS SPECIAL WASTE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	18
*LASALLE, LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

SIDEROAD AND ENTRANCE SCHEDULE (2/5)											
LASALLE COUNTY RURAL											
STA	SIDE	NAME	TYPE	MATL	OFFSET FROM EOP	AREA	HMA SURF REM VAR DEPTH	INC HMA SURF TON	BIT MATL TACK CT POUND	TEMP RAMP SQ YD	AGG SURF CSE TON
					FOOT	SQ YD	SQ YD	TON	POUND	SQ YD	TON
775+00	LT		PE	AGG	10	23.9	24	5	16		
792+19	RT		PE	AGG	10	46.7	47	9.9	32		
794+13	RT		PE	AGG	10	39.4	39	8.2	26		
794+13	LT		FE	AGG	10	20.6					4.4
795+38	RT		PE	AGG	10	29.4	29	6.1	20		
806+31	LT		PE	AGG	10	47.8	48	10.1	32		
808+89	RT	E 24TH RD	SR	AGG	20	67.9	68	14.3	46	21	
826+00	RT	N 13TH RD	SR	HMA	58	711.2	711	149.3	480	56	
852+40	LT		FE	AGG	20	37.2					7.9
852+66	RT		FE	AGG	20	48.3					10.3
864+27	LT		PE	AGG	10	20	20	4.2	14		
870+14	LT		PE	AGG	10	36.7	37	7.8	25		
878+88	RT	E 23RD RD	SR	HMA	30	105.8	106	22.3	72	28	
878+88	LT	E 23RD RD	SR	HMA	30	105.8	106	22.3	72	28	
883+03	RT		PE	AGG	25	71.5	72	15.1	49		
883+12	LT		MBTO	HMA	4	20.4	20	4.2	14		
886+36	LT		PE	HMA	10	30.6	31	6.5	21		
893+65	RT		FE	AGG	10	22.2					4.7
895+34	RT		FE	AGG	20	97.8					20.9
897+10	LT		MBTO	HMA	4	20.4	20	4.2	14		
897+15	RT		PE	HMA	10	20	20	4.2	14		
910+63	LT		PE	HMA	10	43.4	43	9	29		
910+63	LT		MBTO	HMA	4	8.16	8	1.7	5		
910+63	RT		FE	AGG	10	16.7					3.6
912+58	LT		PE	HMA	10	25.7	26	5.5	18		
912+80	LT		MBTO	HMA	4	14.28	14	2.9	9		
915+19	RT		PE	HMA	10	30	30	6.3	20		
915+22	LT		MBTO	HMA	4	20.4	20	4.2	14		
919+22	LT		PE	HMA	10	58.9	59	12.4	40		
919+55	LT		MBTO	HMA	4	14.28	14	2.9	9		
931+20	RT	E 22ND RD	SR	HMA	40	356.6	357	75	241	60	
931+25	LT	E 22ND RD	SR	HMA	35	281	281	59	190	56	
937+29	LT		PE	HMA	15	50	50	10.5	34		
939+12	LT		PE	HMA	10	52.8	53	11.1	36		
939+36	LT		MBTO	HMA	4	12.24	12	2.5	8		
942+59	LT		PE	HMA	10	41.7	42	8.8	28		
948+18	LT		MBTO	HMA	4	20.4	20	4.2	14		
948+22	RT		PE	HMA	10	32.2	32	6.7	22		
958+08	RT		FE	AGG	10	19.4					4.1
971+47	LT		FE	HMA	10	33.3					7.1
984+00	RT	E 21ST RD	SR	HMA	15	57.8	58	12.2	39	28	
984+00	LT	E 21ST RD	SR	HMA	15	50.5	51	10.7	34	25	
SUBTOTAL LASALLE RURAL							2568	539.3	1737	302	63
TOTAL LASALLE RURAL							3658	768	2228	491	106

SIDEROAD AND ENTRANCE SCHEDULE (3/5)											
LASALLE COUNTY RURAL (CONTINUED)											
STA	SIDE	NAME	TYPE	MATL	OFFSET FROM EOP	AREA	HMA SURF REM VAR DEPTH	INC HMA SURF TON	BIT MATL TACK CT POUND	TEMP RAMP SQ YD	AGG SURF CSE TON
					FOOT	SQ YD	SQ YD	TON	POUND	SQ YD	TON
995+34	LT		PE	HMA	10	46.7	47	9.9	21		
997+51	LT		PE	HMA	10	33.7	34	7.1	15		
997+60	LT		MBTO	HMA	4	8.16	8	1.7	4		
998+77	LT		MBTO	HMA	4	20.4	20	4.2	9		
998+80	RT		PE	PCC	18	65					
1009+62	RT		PE	HMA	15	35.1	35	7.4	16		
1009+70	LT		MBTO	HMA	4	20.4	20	4.2	9		
1012+23	LT		MBTO	HMA	4	20.4	20	4.2	9		
1012+27	RT		PE	HMA	10	32.7	33	6.9	15		
1013+48	RT		FE	AGG	10	22.2					4.7
1023+23	RT		FE	AGG	10	83.3					17.8
1036+65	RT	E 20TH RD	SR	HMA	30	101	101	21.2	45	25	
1036+65	LT	E 20TH RD	SR	HMA	15	57.8	58	12.2	26	28	
1048+00	LT		MBTO	HMA	4	10.2	10	2.1	5		
1048+05	LT		PE	HMA	10	26.1	26	5.5	12		
1053+57	LT		MBTO	HMA	4	16.32	16	3.4	7		
1053+77	LT		PE	HMA	10	34.4	34	7.1	15		
1062+60	LT		FE	AGG	10	23.9					5.1
1066+04	RT		FE	AGG	10	25					5.3
1070+77	LT		MBTO	HMA	4	20.4	20	4.2	9		
1070+77	RT		PE	HMA	20	45.2	45	9.5	20		
1076+05	LT		FE	AGG	15	49.2					10.5
1085+24	LT		MBTO	HMA	4	18.36	18	3.8	8		
1085+60	LT		CE	HMA	10	67.8	68	14.3	31		
1089+40	RT	E 19TH RD	SR	HMA	30	159.4	159	33.4	72	44	
1089+40	LT	E 19TH RD	SR	HMA	20	92.7	93	19.5	42	42	
1090+66	RT		MBTO	HMA	4	14.28	14	2.9	6		
1090+66	RT		PE	HMA	10	27.2	27	5.7	12		
"WEST 13TH RD"											
4+91	LT		PE	HMA	10	31.1	31	6.5	14		
5+45	LT		PE	HMA	10	31.1	31	6.5	14		
7+60	RT	N 13TH RD	SR	HMA	17	88.5	89	18.7	40	50	
7+65	LT		PE	HMA	10	33.3	33	6.9	15		
SUBTOTAL LASALLE RURAL							1090	229	491	189	43
TOTAL LASALLE RURAL							3658	768	2228	491	106

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	19
*LASALLE, LIVINGSTON			CONTRACT NO. 66B05	
ILLINOIS		FED. AID PROJECT		

DRAINAGE STRUCTURES SCHEDULE							
STR NAME	LOCATION			INLET		MANHOLE, TYPE A	
				TYPE A	TYPE B	4'	5'
	STA	OFFSET (FT)	LT/RT	TY 8 GR	TY1 OL	TY1 OL	TY1 OL
LASALLE COUNTY URBAN							
1	1125+76	22	RT	1			
2	1125+80	14.5	RT		1		
3	1128+62	22	RT	1			
4	1128+63	15.5	RT			1	
5	1131+52	22	RT	1			
6	1131+53	15.5	RT			1	
7	1132+78	18	RT		1		
8	1133+60	25.5	RT	1			
9	1133+60	16.5	RT			1	
10	1135+27	15.5	RT			1	
11	1137+76	15.5	RT			1	
12	1139+16	24	RT	1			
13	1139+17	16.5	RT				1
14	1140+40	16.5	RT			1	
TOTAL				5	2	6	1

DITCH CLEANING SCHEDULE							
LOCATION	LENGTH	SIDE	FLOW DIRECTION	GRADING & SHAP DITCH	EARTH EX		
						FT	CU YD
	N,S,E,W	N,S,E,W	FT	CU YD			
LIVINGSTON COUNTY RURAL							
* STA 711+70 TO STA 713+70	200	S	W	200	5		
STA 771+00 TO STA 772+00	100	E	N	100	2		
SUBTOTAL LIVINGSTON RURAL				300	7		
LASALLE COUNTY RURAL							
STA 772+80 TO STA 774+30	150	W	N	150	3		
STA 806+50 TO STA 808+50	200	W	N	200	5		
STA 807+80 TO STA 808+80	100	E	N	100	2		
STA 817+20 TO STA 819+20	200	W	S	200	5		
STA 877+60 TO STA 878+60	100	S	W	100	2		
STA 914+10 TO STA 915+10	100	N	W	100	2		
STA 927+00 TO STA 931+00	400	N	E	400	9		
STA 971+00 TO STA 972+00	100	S	W	100	2		
STA 977+40 TO STA 978+40	100	N	W	100	2		
STA 984+20 TO STA 986+20	200	N	W	200	5		
STA 991+80 TO STA 997+80	600	N	W	600	14		
STA 1000+20 TO STA 1004+20	400	N	W	400	9		
STA 1024+00 TO STA 1029+00	500	S	E	500	12		
STA 1031+20 TO STA 1033+70	250	S	W	250	6		
STA 1089+60 TO STA 1090+60	100	S	W	100	3		
SUBTOTAL LASALLE RURAL				3500	82		
TOTAL				3800	89		

NOTE: IT IS ASSUMED THAT THE REC SITE MATERIAL WILL BE EXCAVATED AND HAULED OFF SITE.
 EARTH EXCAVATION INCLUDED IN GRADING AND SHAPING FOR ESTIMATION ONLY
 * IL 17

INTERSECTION PAVEMENT MARKING SCHEDULE													
LOCATION		MOD URETH PM LINE 4	THPL PVT MK					GRV RCSD PVT MRKG					
			LTR-SYM	LINE 6	LINE 8	LINE 12		LINE 24	LTR-SYM	7"	9"	13"	25"
				WHITE	WHITE	WHITE	YELLOW	WHITE		SQ FT	FOOT	FOOT	FOOT
INTERSECTIONS	STATION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
LIVINGSTON RURAL-IL 18 / IL 17	713+83			403	184		80		403	184		80	
LASALLE RURAL -IL 18 / 13TH RD	826+00	5570	62	120	47	287	32	62	120	47	287	32	
LASALLE URBAN- IL 18 / OTTER CREEK	1142+00			422			66		422			66	
TOTAL		5570	62	422	523	231	287	178	62	945	231	287	178

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	22
*LASALLE, LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

DRAINAGE REPAIR SCHEDULE										
STATION	SIDE	STRUCTURE/ CULVERT NUMBER	SIZE/TYPE	WORK DESCRIPTION	STONE RIPRAP CL A4	FILTER FABRIC	INSERT CUL LIN SPL	BOX CUL TO BE CLEANED	REATTCH END SECTION	
					SQ YD	SQ YD	FOOT	FOOT	EACH	
LIVINGSTON COUNTY RURAL										
741+73.71 to 742+23.71 & 743+74.80 to 743+97.80	LT & RT	SN 053-0061	125' 3-SPAN (43'-39'- 43') BRIDGE	5' WIDE STRIPS OF RIPRAP ALONG APPROACH SLAB EDGES WHERE GUARDRAIL POSTS ARE EXPOSED ALL FOUR CORNERS OF THE BRIDGE.	56	56				
SUBTOTAL LIVINGSTON RURAL					81	81				
LASALLE COUNTY RURAL										
780+80	RT	1043	SOUTH DITCH	BARE EARTH TO BE PROTECTED WITH RR4 TO PREVENT THE HEADCUT FROM MOVING UPSTREAM. THE QUANTITY NEEDED IS ESTIMATED AS 12' LONG AND 6' WIDE (8SY) RR4 FILL.	8	8				
780+90	LT & RT	1043	3X2 BOX; 36" EL CONC PIPE AND PRC FL E S	RE-ATTACH BOTH PRECAST FLARED END SECTIONS AND RE-MOUNT GRATE FOR EAST END SECTION.					2	
738+47	LT & RT	2670	30' - 3X2 BOX WITH 55' TY 1 RCCP, ARCH DIA EQUIV 36" AT EACH END	CLEAN BARREL AND LINE WITH 18" PIPE.			140	140		
957+00	LT & RT	1037	3X2 BOX	CLEAN THE BARREL OF CULVERT. HAD 6-9" OF SILT AT TIME OF INSPECTION.				48		
991+86	LT & RT	1036	2X1.5 BOX	CLEAN THE BARREL OF CULVERT. HAD 6" SILT & CORN STALKS AT TIME OF INSPECTION.				46		
1056+24	LT & RT	1033	3X2 BOX	HAS LARGE SCOUR HOLES > 6" DEEP AT EACH END. PROTECT WITH A 6'X6' (8SY) RR4 APRON AT UPSTREAM AND DOWNSTREAM FACES.	8	8				
1119+20	LT & RT	SN 050-2003	QUAD 30" RCP	"RR4 APRON, 21' WIDE AND 3' LONG AT THE UPSTREAM AND DOWNSTREAM FACES TO IMPROVE THE EFFICIENCY OF THE FLOW TRANSITION."	14	14				
SUBTOTAL LASALLE RURAL					30	30	140	234	2	
TOTAL					111	111	140	234	2	

NOTE: REMOUNTING GRATE AT CULVERT 1043 IS INCLUDED IN THE COST OF REATTACH END SECTION.

DRAINAGE PIPE SCHEDULE															
UPSTREAM				DOWNSTREAM				STORM SEWER PIPE NAME	TRENCH BACKFILL CU YD	STORM SEWER, CLASS A TYPE 1					CONN TO EXIST CULVERT
NAME	LOCATION			NAME	LOCATION					12"	15"	18"	21"	24"	
	STA	OFFSET (FT)	LT/RT		STA	OFFSET (FT)	LT/RT			FT	FT	FT	FT	FT	
LASALLE COUNTY URBAN															
1	1125+76	22	RT	1	1125+80	14.5	RT	P14	0.27	7					
2	1125+80	14.5	RT	2	1128+62	22	RT	P13	25.95		280				
3	1128+62	22	RT	3	1128+63	15.5	RT	P12	0.26	4					
4	1128+63	15.5	RT	4	1131+52	22	RT	P11	43.98			287			
5	1131+52	22	RT	5	1131+53	15.5	RT	P10	0.30	4					
6	1131+53	15.5	RT	6	1132+78	18	RT	P9	23.32				122		
7	1132+78	18	RT	7	1133+60	25.5	RT	P8	12.39				79		
8	1133+60	25.5	RT	8	1133+60	16.5	RT	P7	0.43	7					
9	1133+60	16.5	RT	9	1135+27	15.5	RT	P6	32.98					164	
10	1135+27	15.5	RT	10	1137+76	15.5	RT	P5	53.56					246	
11	1137+76	15.5	RT	11	1139+16	24	RT	P4	33.35					139	
12	1139+16	24	RT	12	1139+17	16.5	RT	P3	0.45	5					
13	1139+17	16.5	RT	1	1140+40	16.5	RT	P2	30.35					120	
14	1140+40	16.5	RT	9X3 EX BOX	1141+77	16.5	RT	P1	18.77					135	1
TOTAL									277	27	280	287	201	804	1

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	23
*LASALLE, LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

SEEDING SCHEDULE FOR GRADING & SHAPING										
LOCATION	SIDE	LENGTH	WIDTH	SEEDING CL 2A	FERTILIZER NUTRIENTS			EROSION CONTR BLANKET		
					NITRO	PHOSP	POT			
		LT/RT	FT	FT	ACRE	POUND	POUND	POUND	SQ YD	
LIVINGSTON COUNTY RURAL										
* STA 711+70 TO STA 713+70	LT	200	12.5	0.057	5.1	5.1	5.1	278		
STA 771+00 TO STA 772+00	LT	100	13.5	0.031	2.8	2.8	2.8	150		
SUBTOTAL LIVINGSTON RURAL					0.250	10	10	10	428	
LASALLE COUNTY RURAL										
STA 772+80 TO STA 774+30	LT	150	12.5	0.043	3.9	3.9	3.9	208		
STA 806+50 TO STA 808+50	LT	200	12.5	0.057	5.1	5.1	5.1	278		
STA 807+80 TO STA 808+80	RT	100	12.5	0.029	2.6	2.6	2.6	139		
STA 817+20 TO STA 819+20	LT	200	12.5	0.057	5.1	5.1	5.1	278		
STA 877+60 TO STA 878+60	LT	100	12.5	0.029	2.6	2.6	2.6	139		
STA 914+10 TO STA 915+10	RT	100	12.5	0.029	2.6	2.6	2.6	139		
STA 927+00 TO STA 931+00	RT	400	12.5	0.115	10.4	10.4	10.4	556		
STA 971+00 TO STA 972+00	LT	100	12.5	0.029	2.6	2.6	2.6	139		
STA 977+40 TO STA 978+40	RT	100	12.5	0.029	2.6	2.6	2.6	139		
STA 984+20 TO STA 986+20	RT	200	12.5	0.057	5.1	5.1	5.1	278		
STA 991+80 TO STA 997+80	RT	600	12.5	0.172	15.5	15.5	15.5	833		
STA 1000+20 TO STA 1004+20	RT	400	12.5	0.115	10.4	10.4	10.4	556		
STA 1024+00 TO STA 1029+00	LT	500	12.5	0.143	12.9	12.9	12.9	694		
STA 1031+20 TO STA 1033+70	LT	250	12.5	0.072	6.5	6.5	6.5	347		
STA 1089+60 TO STA 1090+60	LT	100	12.5	0.029	2.6	2.6	2.6	139		
SUBTOTAL LASALLE RURAL					1.000	90	90	90	4862	
TOTAL					1.25	100	100	100	5290	

* IL 17

SIDEROAD SEEDING SCHEDULE									
STA	SIDE	NAME	FURN EX	SEEDING CL 2A	FERTILIZER NUTRIENTS			EROSION CONTR BLANKET	
					NITRO	PHOSP	POT		
			CU YD	ACRE	POUND	POUND	POUND	SQ YD	
LIVINGSTON COUNTY RURAL									
715+42	RT	3200 N RD	18	0.005	0.45	0.45	0.45	23	
717+73	LT	3200 N RD	5	0.002	0.18	0.18	0.18	7	
772+47	RT	E 3300 RD N	4	0.001	0.09	0.09	0.09	4	
772+47	LT	E 3300 RD N	4	0.001	0.09	0.09	0.09	3	
SUBTOTAL LIVINGSTON RURAL			31	0.009	1	1	1	38	
LASALLE COUNTY RURAL									
808+89	RT	E 24TH RD	2	0.001	0.09	0.09	0.09	3	
826+00	RT	N 13TH RD							
878+88	RT	E 23RD RD	2	0.001	0.09	0.09	0.09	3	
878+88	LT	E 23RD RD	2	0.000	0.00	0.00	0.00	2	
931+20	RT	E 22ND RD	6	0.002	0.18	0.18	0.18	8	
931+25	LT	E 22ND RD	6	0.002	0.18	0.18	0.18	8	
984+00	RT	E 21ST RD	2	0.001	0.09	0.09	0.09	3	
984+00	LT	E 21ST RD	2	0.001	0.09	0.09	0.09	3	
1036+65	RT	E 20TH RD	3	0.001	0.09	0.09	0.09	4	
1036+65	LT	E 20TH RD	2	0.001	0.09	0.09	0.09	3	
1089+40	RT	E 19TH RD	4	0.001	0.09	0.09	0.09	5	
1089+40	LT	E 19TH RD	3	0.001	0.09	0.09	0.09	4	
SUBTOTAL LASALLE RURAL			34	0.012	2	2	2	46	
LASALLE COUNTY URBAN									
1115+67	RT	CALVARY LANE	2	0.001	0.09	0.09	0.09	3	
1123+90	RT	FULLER AVE	3	0.001	0.09	0.09	0.09	4	
1130+87	LT	TRINITY DR	2	0.001	0.09	0.09	0.09	2	
1133+06	RT	CENTER ST	3	0.001	0.09	0.09	0.09	4	
1138+42	LT	BIRMINGHAM AVE	3	0.001	0.09	0.09	0.09	4	
1142+00	RT	OTTER CREEK ST							
1142+00	LT	OTTER CREEK ST							
SUBTOTAL LASALLE URBAN			13	0.005	1	1	1	17	
TOTAL			78	0.026	4	4	4	101	

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USER NAME = Cody.M.Johnson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/23/2023	DATE -	REVISED -

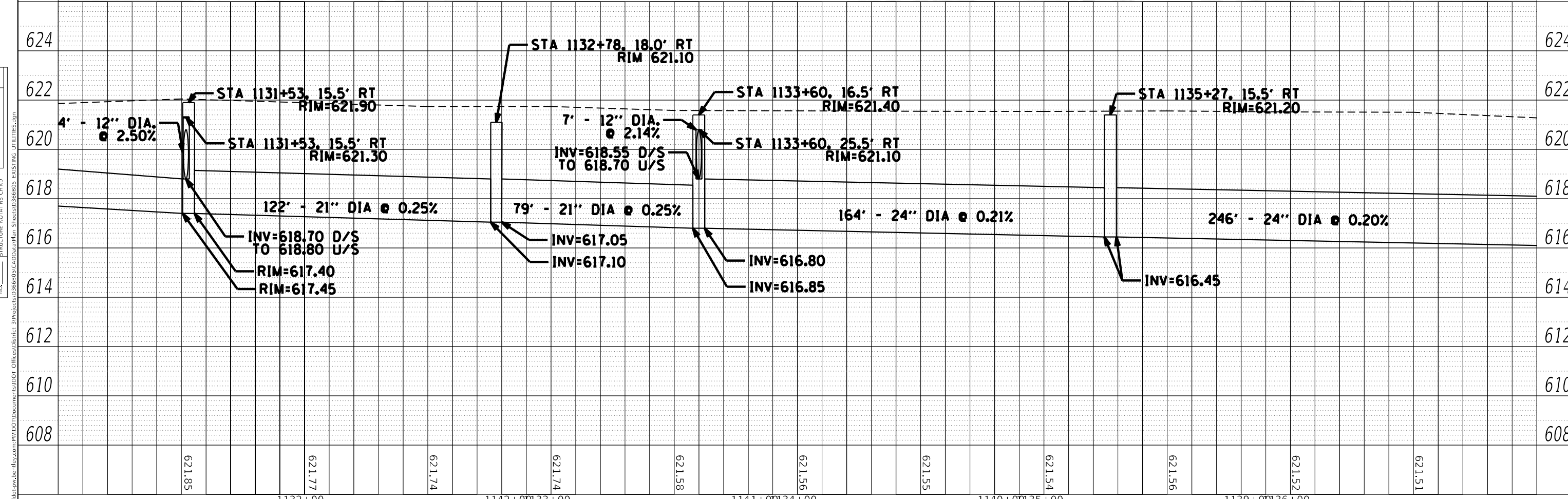
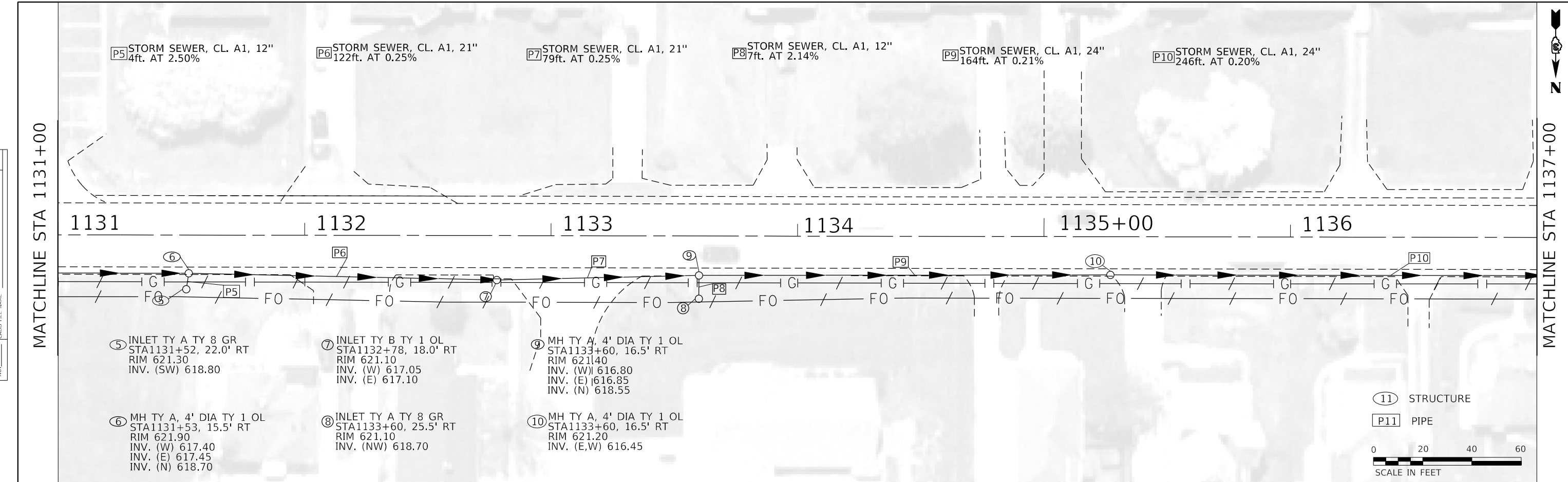
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	24
*LASALLE, LIVINGSTON			CONTRACT NO. 66B05	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION OK'D	
	NO.	

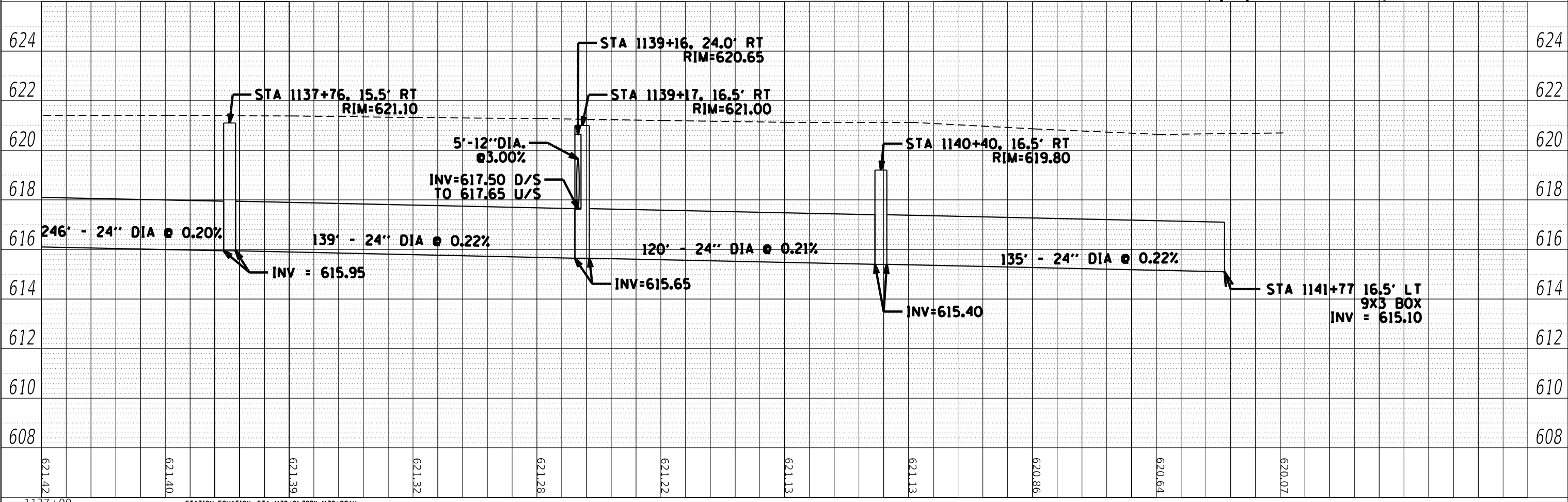
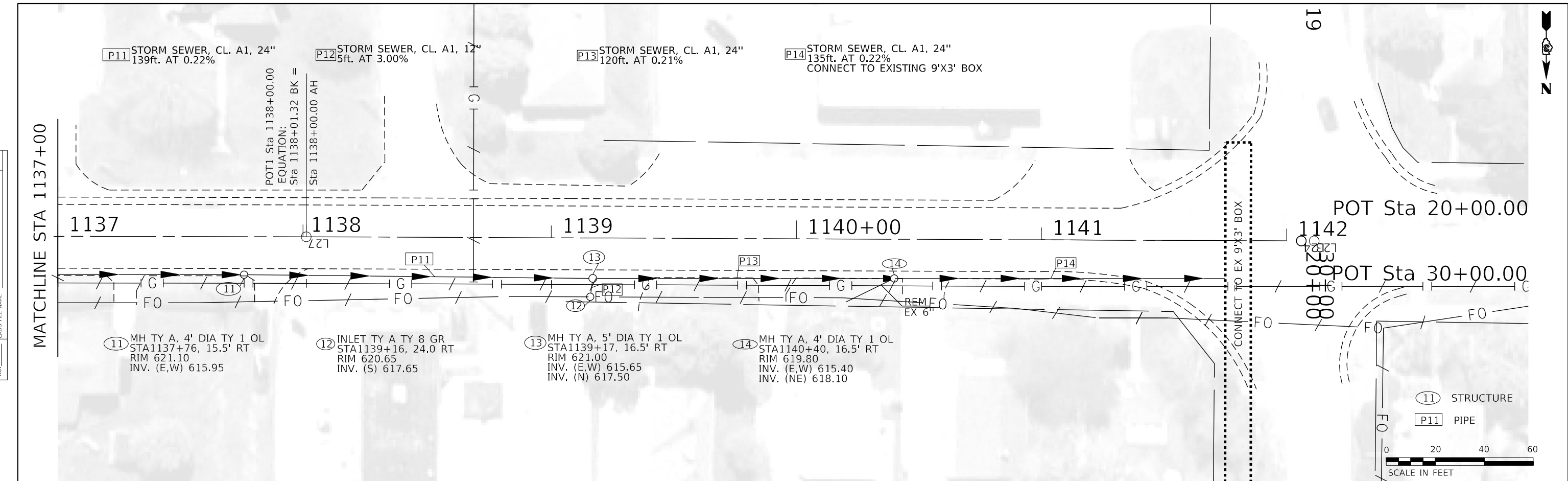
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	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION OK'D	
	NO.	



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FILE NAME: p:\illinois\pww\jcm\pww\DOT Documents\DOT Office\Stephenie.Carmin\Projects\366895\CD\Drawings\Sheets\366895 EXISTING UTILITIES.dwg	PLOT SCALE = 40.0000' / in.	CHECKED - STEPHENIE CARMIN	REVISED -			SCALE: 20	SHEET 2 OF 3 SHEETS	*LASALLE LIVINGSTON		CONTRACT NO. 66B05	ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/23/2023	DATE -	REVISED -			STA. 1137+00 TO STA. 1131+00					

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	

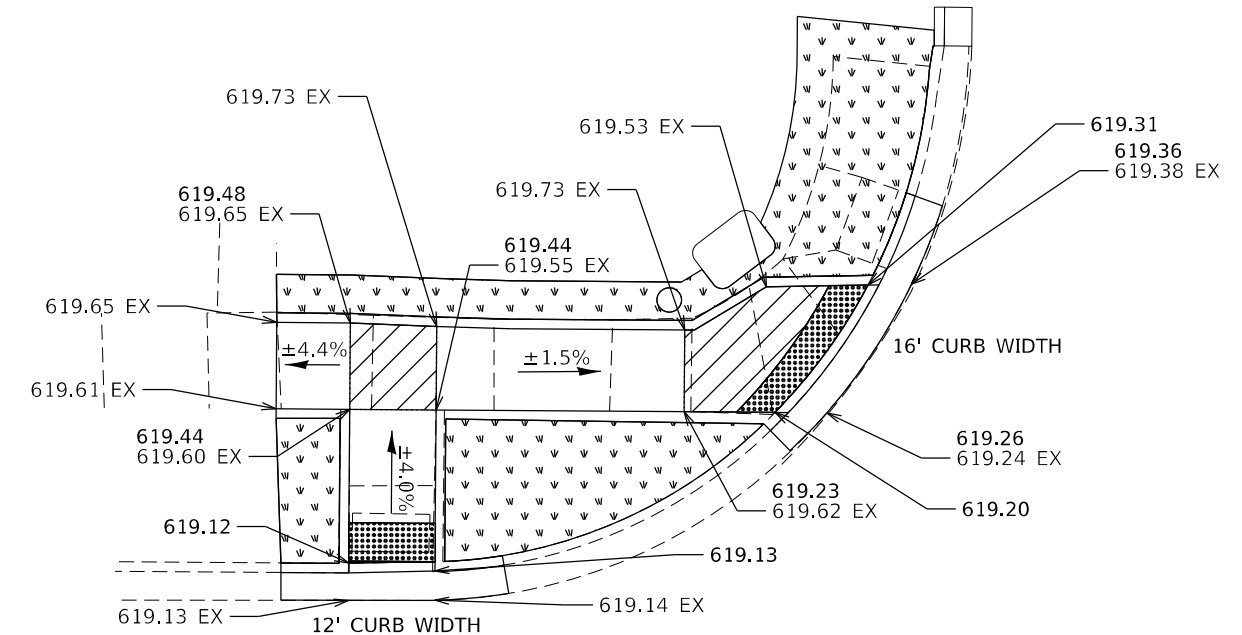
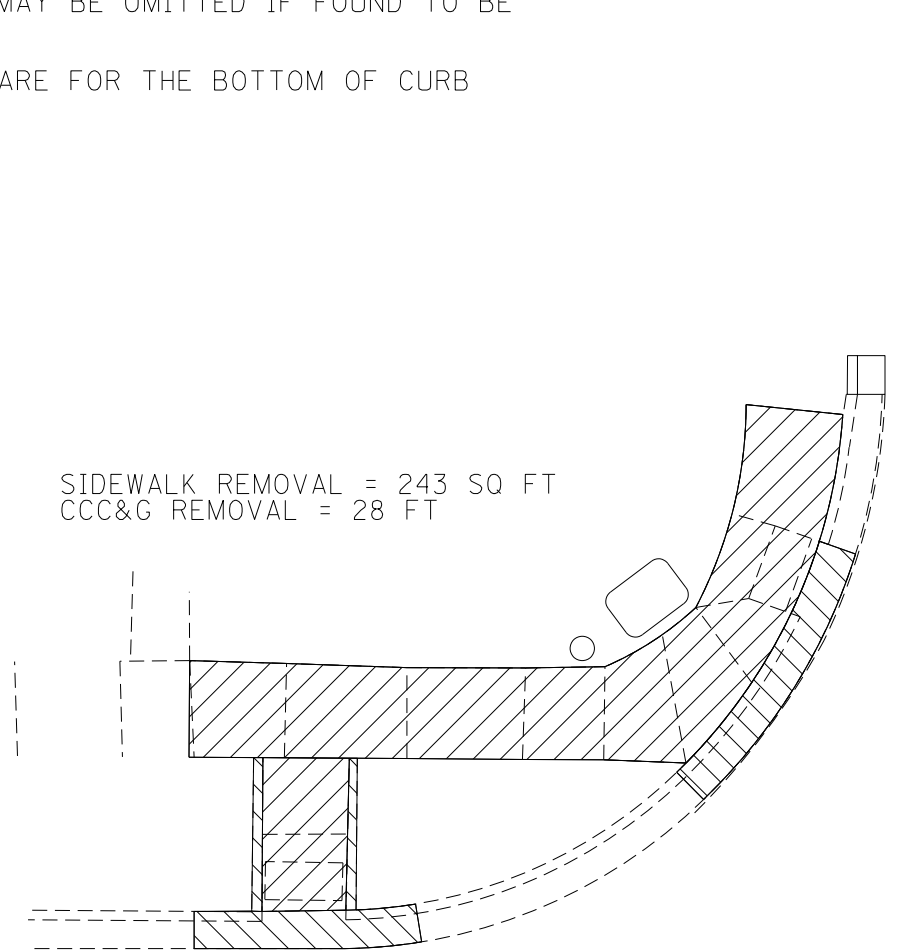
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	NO.	



STATION EQUATION: STA 1138+01.32BK=1138+00AH			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		DRAINAGE PLAN SCALE: 20 SHEET 3 OF 3 SHEETS STA. 1142+00 TO STA. 1137+00		F.A.P. RTE. 653 SECTION (28,29)R5-3 COUNTY * LASALLE LIVINGSTON TOTAL SHEETS 47 SHEET NO. 27 CONTRACT NO. 66B05 ILLINOIS FED. AID PROJECT	
USER NAME =	DESIGNED -	REVISIONS						
STEPHENIE.CARMIN	BRIAN SMITH	BRIAN SMITH						
	STEPHENIE CARMIN	STEPHENIE CARMIN						
PLOT SCALE = 40.0000' / in.	CHECKED -	BRAD DUNCAN						
PLOT DATE = 3/23/2023	DATE -	3-15-2023						

- NOTES:
1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
 2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
 3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2%. LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITH THE MAXIMUM SLOPE.
 4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
 5. MARKED ELEVATIONS ARE FOR THE BOTTOM OF CURB

IL 18 AND OTTER CREEK ST. NW QUADRANT



SIDEWALK 4" = 172 SQ FT
 DETECTABLE WARNING = 22.3 SQ FT
 CCC&G B-6.18 = 28 FT
 SOD = 27 SQ YD



LEGEND	
SIDEWALK REMOVAL	
CURB AND GUTTER REMOVAL	
DETECTABLE WARNING	
TURNING SPACE / LEVEL LANDING (1.5% MAX CROSS SLOPE)	
SODDING AREA	

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USER NAME = Joseph.Zagar	DESIGNED - C.JOHNSON	REVISED -
DRAWN - C.JOHNSON	REVISIONS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

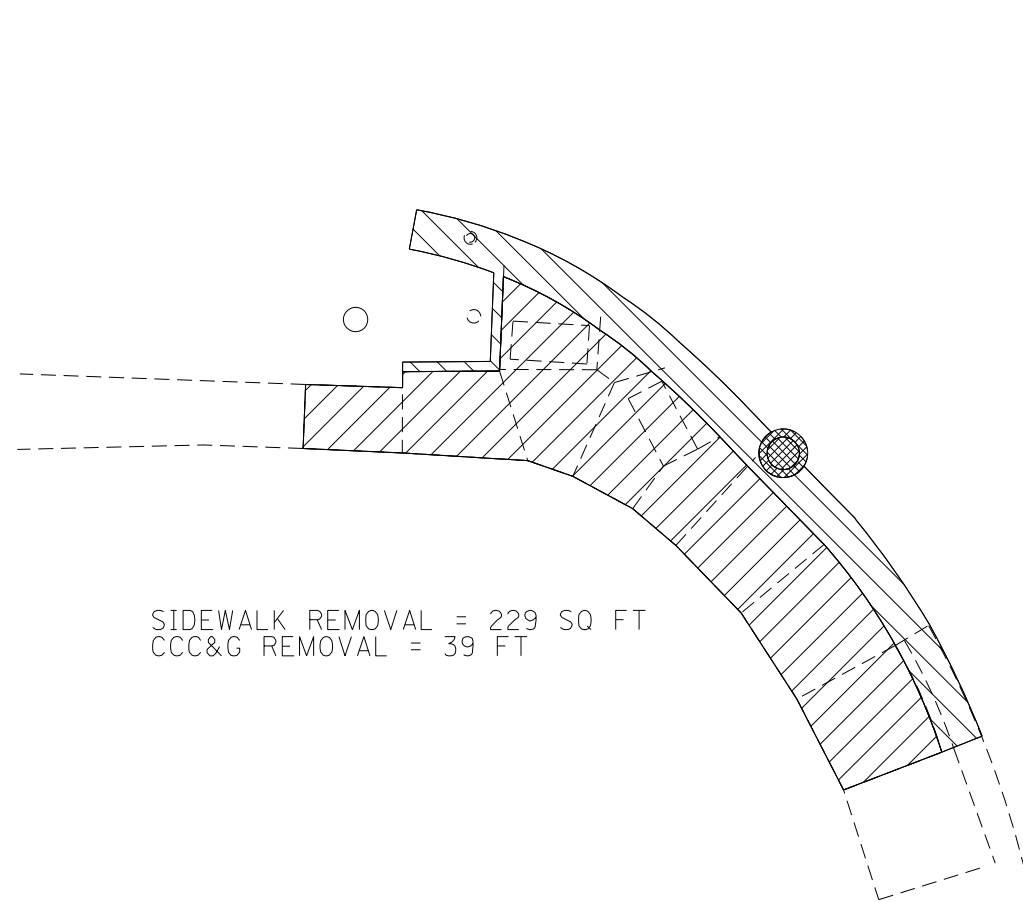
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA DETAILS			
OTTER CREEK ST NW			
SCALE:	SHEET 1	OF 3 SHEETS	STA. TO STA.

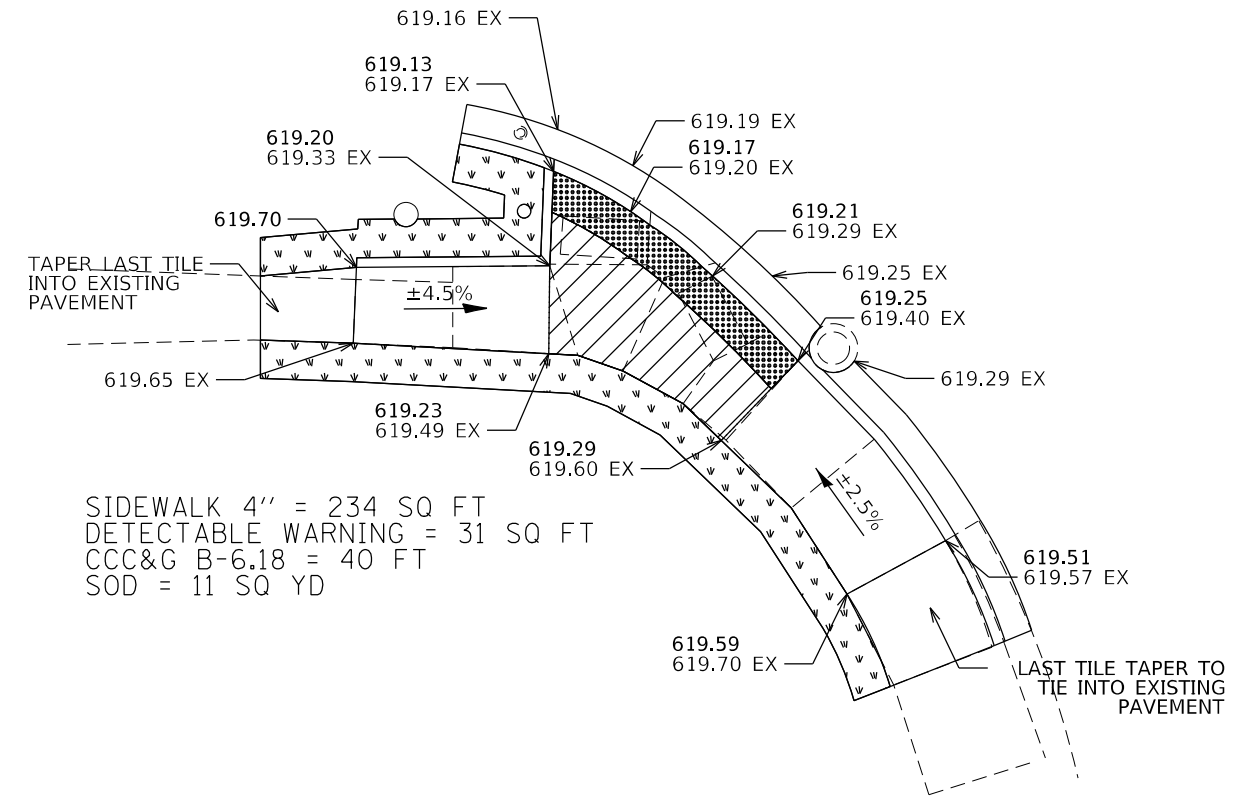
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	VARIOUS*	47	28
*LASALLE, LIVINGSTON			CONTRACT NO. 66B05	
ILLINOIS FED. AID PROJECT				

- NOTES:
1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
 2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
 3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2%. LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITH THE MAXIMUM SLOPE.
 4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
 5. MARKED ELEVATIONS ARE FOR THE BOTTOM OF CURB

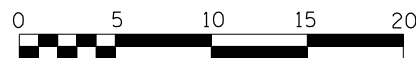
IL 18 AND OTTER CREEK ST. SW QUADRANT



SIDEWALK REMOVAL = 229 SQ FT
CCC&G REMOVAL = 39 FT



SIDEWALK 4" = 234 SQ FT
DETECTABLE WARNING = 31 SQ FT
CCC&G B-6.18 = 40 FT
SOD = 11 SQ YD



LEGEND	
INLETS TO BE ADJUSTED	
SIDEWALK REMOVAL	
CURB AND GUTTER REMOVAL	
DETECTABLE WARNING	
TURNING SPACE / LEVEL LANDING (1.5% MAX CROSS SLOPE)	
SODDING AREA	

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USER NAME = Joseph.Zagar	DESIGNED - C.JOHNSON	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

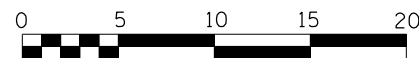
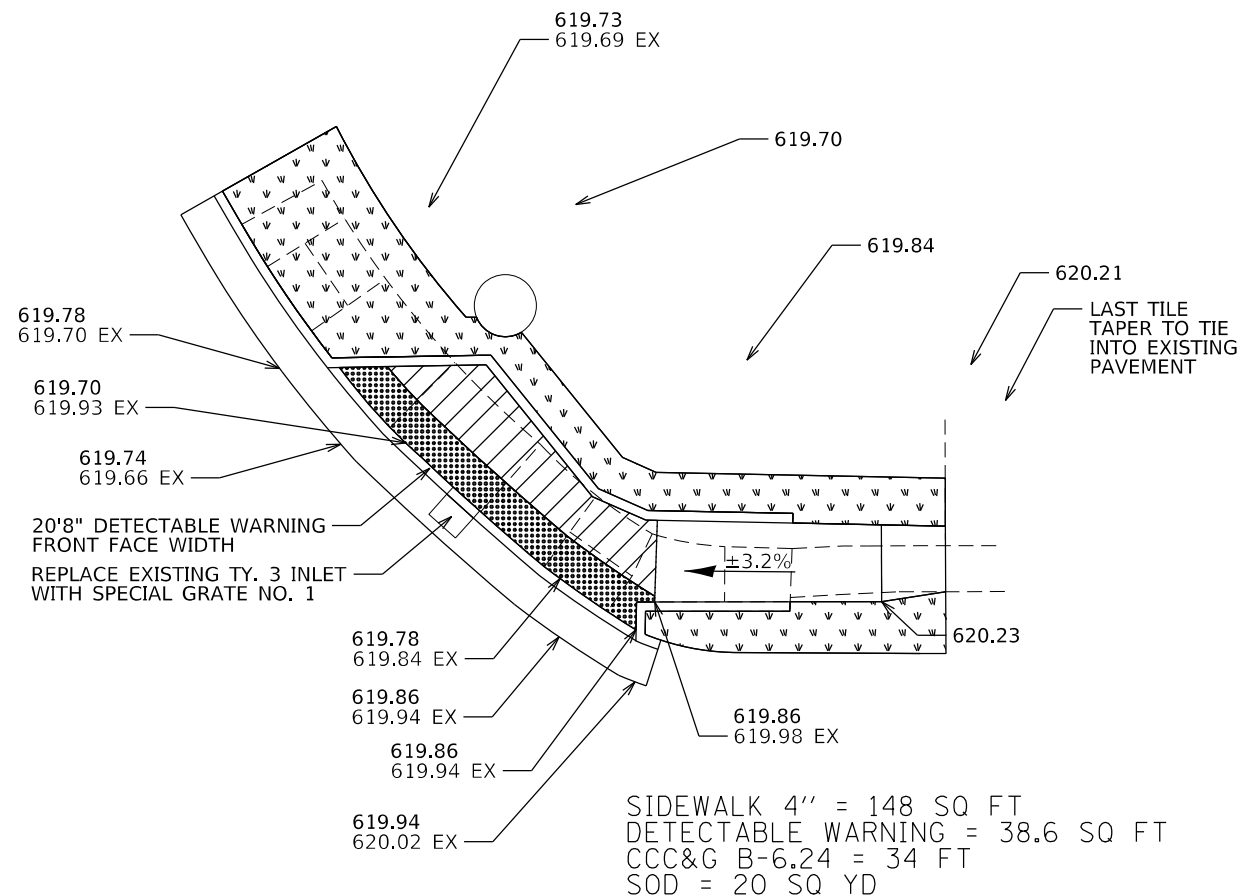
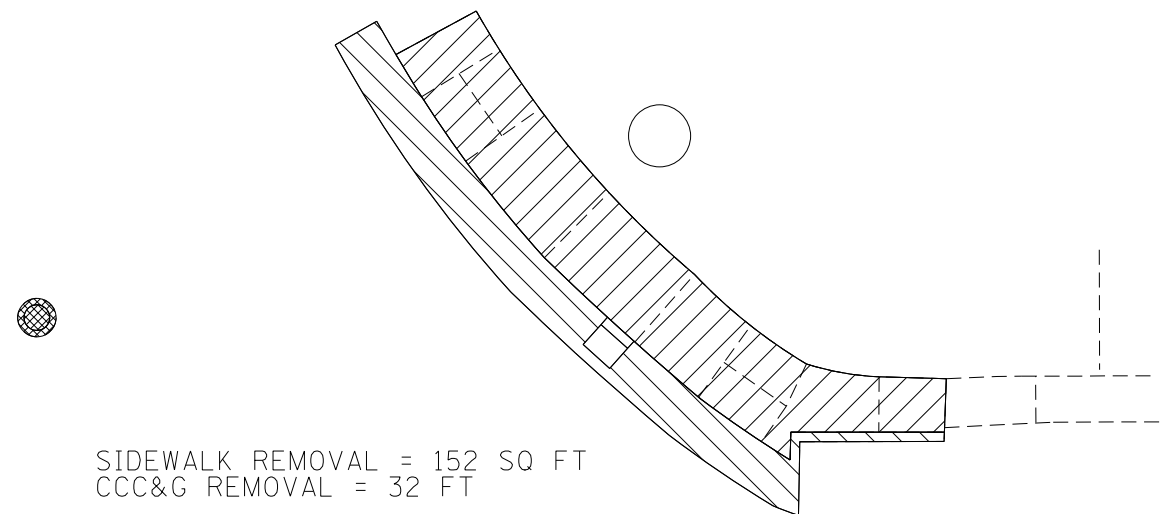
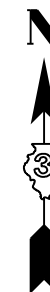
**ADA DETAILS
OTTER CREEK ST SW**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	VARIOUS*	47	29
*LASALLE, LIVINGSTON			CONTRACT NO. 66B05	
ILLINOIS FED. AID PROJECT				

- NOTES:
1. SEE HIGHWAY STANDARDS 424001 - 424031 FOR MAX SLOPES AND ADDITIONAL REQUIREMENTS.
 2. SEE HIGHWAY STANDARD 606001 FOR CURB AND GUTTER REQUIREMENTS NEXT TO ADA RAMP.
 3. ALL CROSS-SLOPES IN THE DIRECTION OF TRAVEL ARE AN ABSOLUTE MAXIMUM OF 2%. LAYOUT SHOULD BE AT 1.5% TO ALLOW FOR ERROR WHILE REMAINING WITH THE MAXIMUM SLOPE.
 4. SIDEWALK CURBS ARE SHOWN ONLY AS REQUIRED BY FIELD CONDITIONS AND MAY BE OMITTED IF FOUND TO BE UNNECESSARY.
 5. MARKED ELEVATIONS ARE FOR THE BOTTOM OF CURB

IL 18 AND OTTER CREEK ST. NE QUADRANT



LEGEND	
INLETS TO BE ADJUSTED	
SIDEWALK REMOVAL	
CURB AND GUTTER REMOVAL	
DETECTABLE WARNING	
TURNING SPACE / LEVEL LANDING (1.5% MAX CROSS SLOPE)	
SODDING AREA	

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USER NAME = Joseph.Zagar	DESIGNED - C.JOHNSON	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

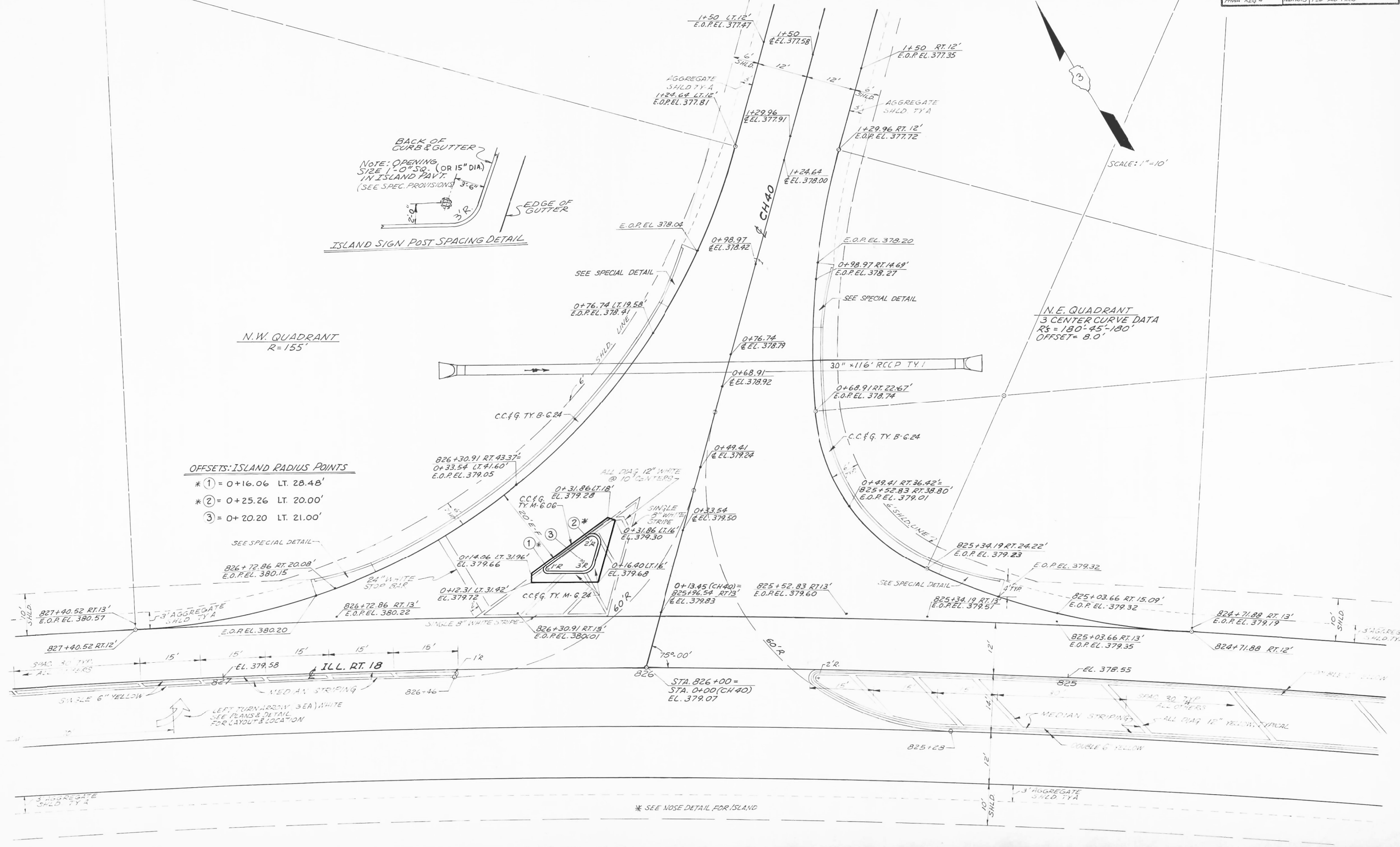
**ADA DETAILS
OTTER CREEK ST NE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	30
*LASALLE, LIVINGSTON			CONTRACT NO. 66B05	
ILLINOIS FED. AID PROJECT				

FOR INFORMATION ONLY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA 653	(28, 29) R&R	LA SALLE LIVINGSTON	50	16
FHWA REG-4		ILLINOIS	FED AID PROJ.	



- OFFSETS: ISLAND RADIUS POINTS**
- * ① = 0+16.06 LT. 28.48'
 - * ② = 0+25.26 LT. 20.00'
 - * ③ = 0+20.20 LT. 21.00'

CH40 INTERSECTION

USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 17 ISLAND DETAILS - FOR INFORMATION ONLY

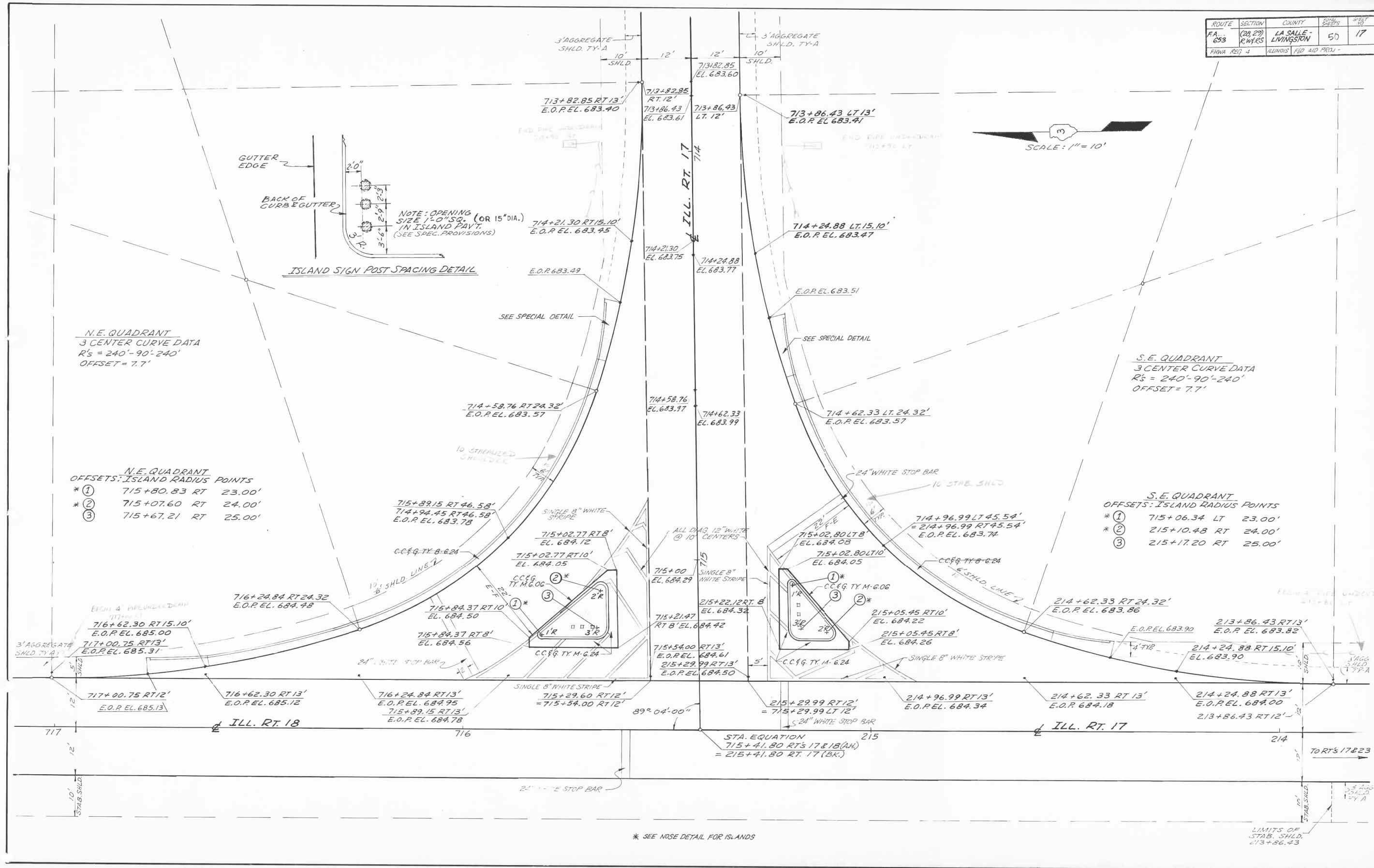
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F.A.P. RTE. 653	SECTION (28,29)R5-3	COUNTY LASALLE LIVINGSTON	TOTAL SHEETS 47	SHEET NO. 31
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

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FOR INFORMATION ONLY

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA. 693	(28,29) R.W.E.S.	LA SALLE - LIVINGSTON	50	17
FHWA REG. 4		ILLINOIS FED. AID PROJ. -		



N.E. QUADRANT
3 CENTER CURVE DATA
R's = 240'-90'-240'
OFFSET = 7.7'

- N.E. QUADRANT
OFFSETS: ISLAND RADIUS POINTS
- * ① 715+80.83 RT 23.00'
 - * ② 715+07.60 RT 24.00'
 - * ③ 715+67.21 RT 25.00'

S.E. QUADRANT
3 CENTER CURVE DATA
R's = 240'-90'-240'
OFFSET = 7.7'

- S.E. QUADRANT
OFFSETS: ISLAND RADIUS POINTS
- * ① 715+06.34 LT 23.00'
 - * ② 215+10.48 RT 24.00'
 - * ③ 215+17.20 RT 25.00'

ROUTES 17 & 18 INTERSECTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CH 40 ISLAND DETAILS - FOR INFORMATION ONLY

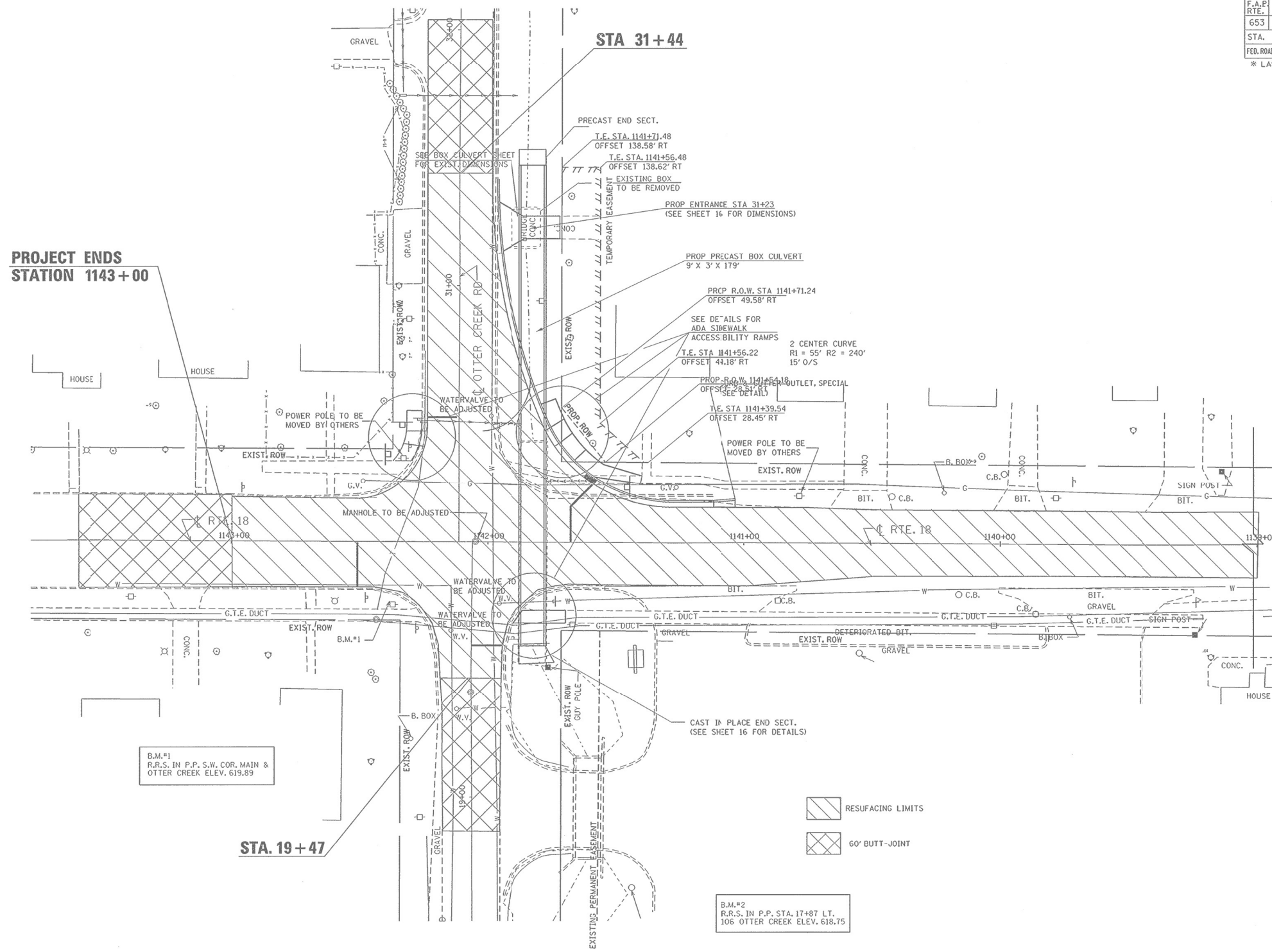
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	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

F.A.P. RTE. 653	SECTION (28,29)R5-3	COUNTY * LASALLE LIVINGSTON	TOTAL SHEETS 47	SHEET NO. 32
SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.		CONTRACT NO. 66B05		

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 PLOT DATE: 3/23/2023

FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-2	*	29	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* LASALLE & LIVINGSTON				



NON-SPEC.
DATE-TIME
REF.
REF.
REF.

ED08B00-CONSULT-SHEETS.DGN

**PLAN AT
OTTER CREEK RD
& IL RT 18**

USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

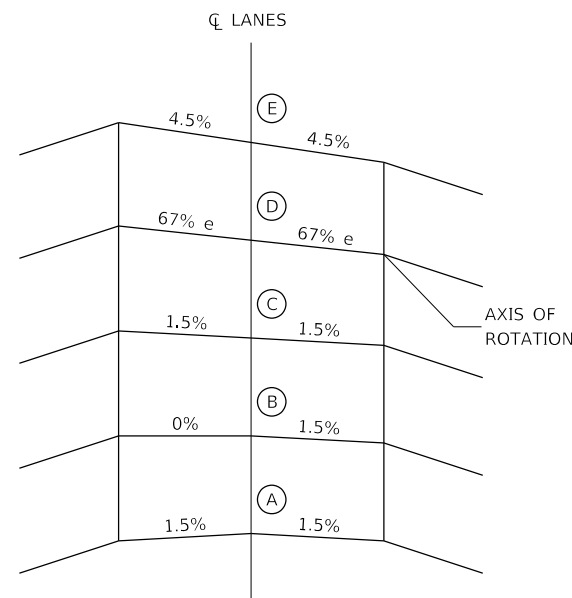
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SN 050-2575 DETAILS - FOR INFORMATION ONLY

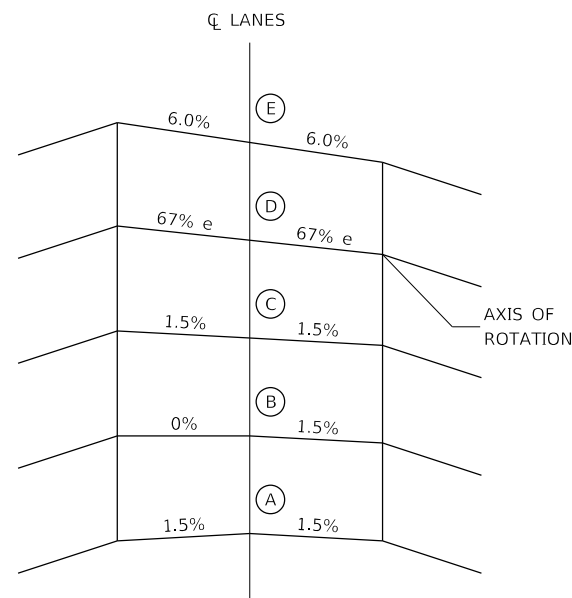
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)RS-3	*	47	34
*LASALLE, LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

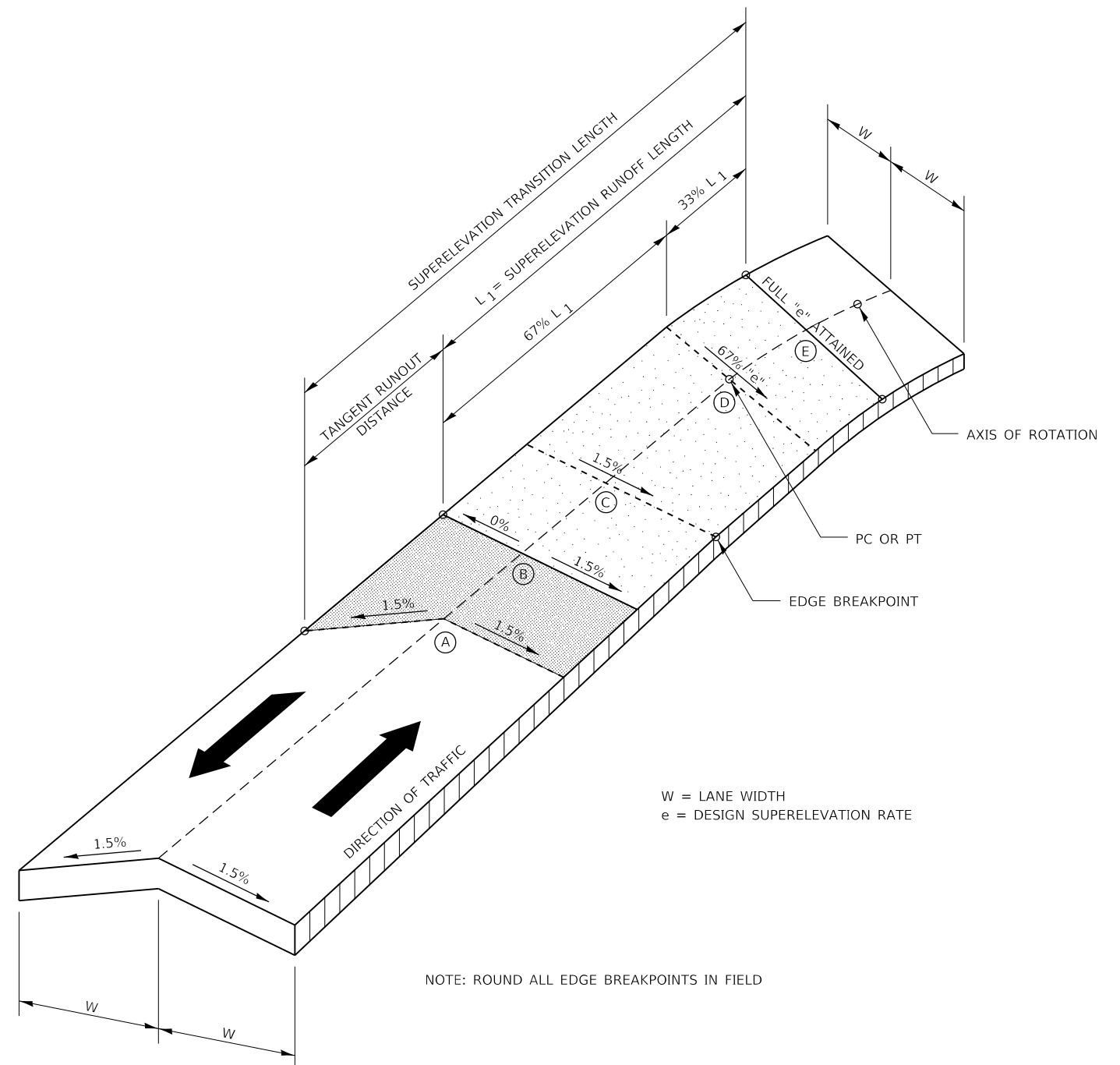
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**CROSS SECTIONS
SUPERELEVATION DEVELOPMENT
FOR CURVE AT STA 764+80.83
& STA. 780+06.76**



**CROSS SECTIONS
SUPERELEVATION DEVELOPMENT
FOR CURVE AT STA 826+01.92**



NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

CURVE PI STA. CURVE PI STA.

TRANSITION CURVE TABLE

CURVE PI STA.	SUPERELEVATION "e"	W	SUPERELEVATION RUNOFF LENGTH	TANGENT RUNOUT DISTANCE	SUPERELEVATION TRANSITION LENGTH
764+80.83	4.5% (R)	12	317.94	105.97	423.91
780+06.76	4.5% (L)	12	317.94	105.97	423.91
826+01.92	6.0% (R)	12	180.60	60.00	240.00

SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY

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 PLOT SCALE: 1/8" = 1'-0"
 PLOT DATE: 3/23/2023

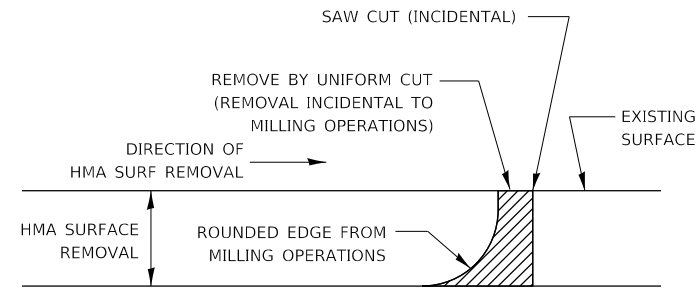
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	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUPER ELEVATIONS TRSITION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

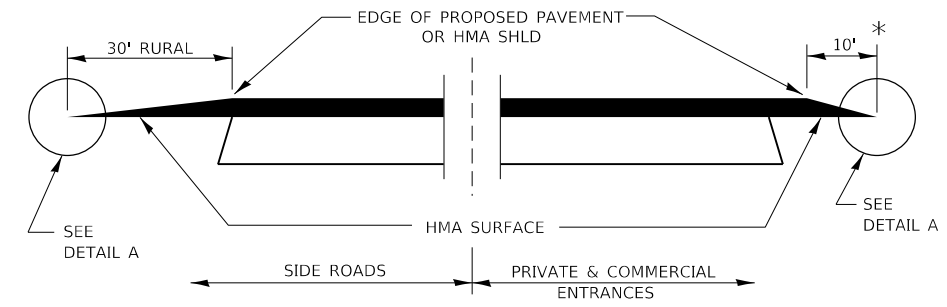
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	36
*LASALLE, LIVINGSTON			CONTRACT NO. 66B05	
ILLINOIS FED. AID PROJECT				



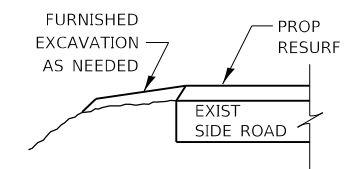
NOTE:

WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

HMA DETAIL AT BUTT JOINTS

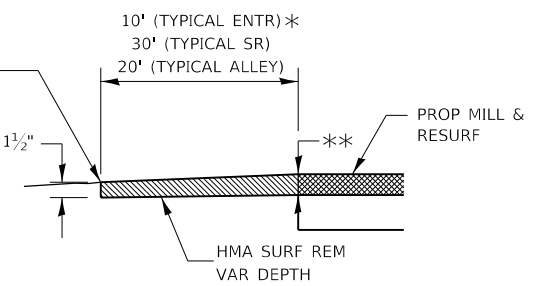


SECTION A-A DETAILS AT ENTRANCES & SIDE ROADS



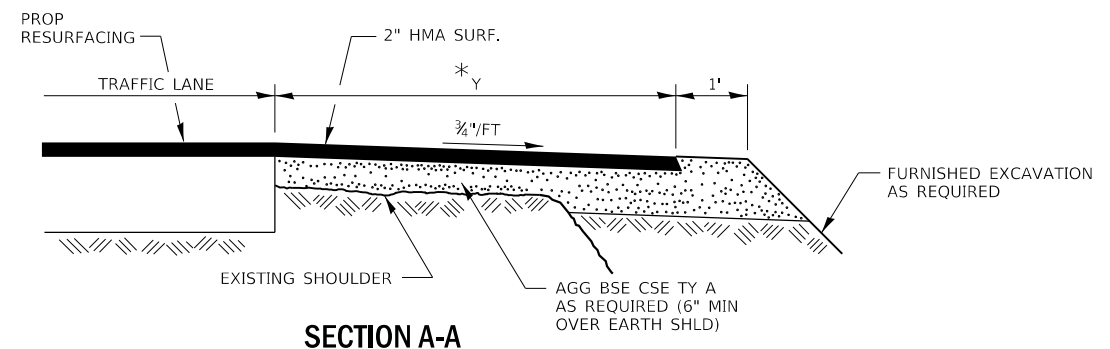
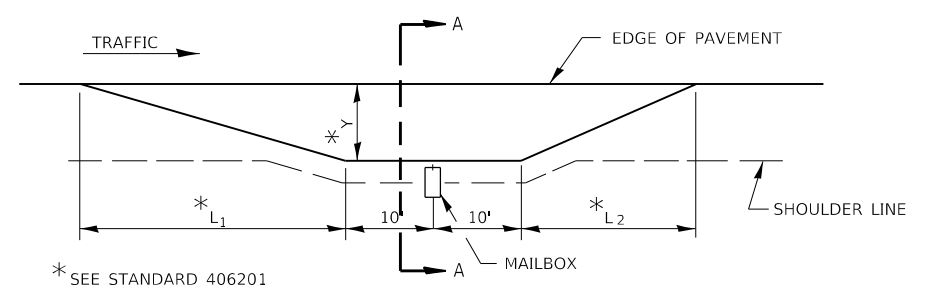
SECTION B-B

* THE COST OF REMOVAL AT EXISTING HMA OR PCC LOCATIONS SHALL BE PAID FOR PER SQ YD BY THE APPROPRIATE PAY ITEM. REMOVAL AT THE EXISTING AGG LOCATIONS SHALL BE INCIDENTAL TO THE HMA. A-3 LOCATIONS SHALL BE FEATHER TAPERED.



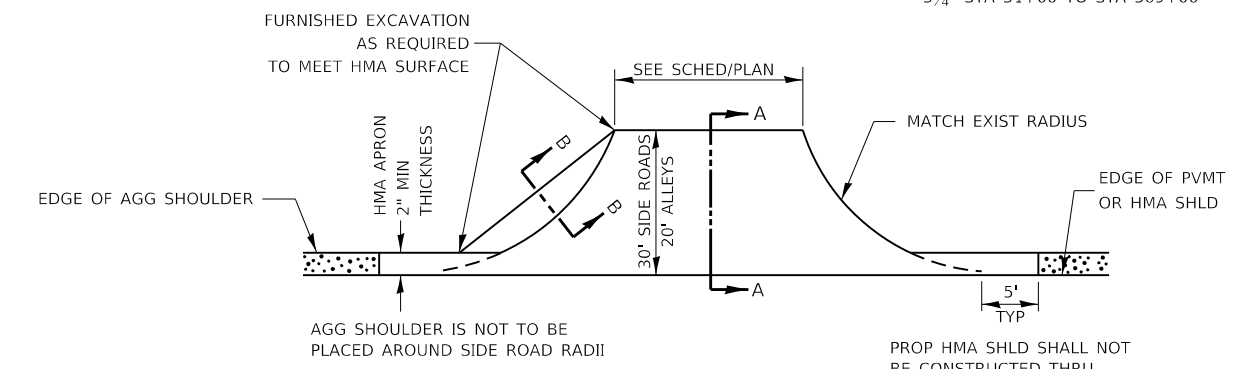
DETAIL A

** 2 3/4" STA 694+00 TO STA 31+00
3 3/4" STA 31+00 TO STA 369+00

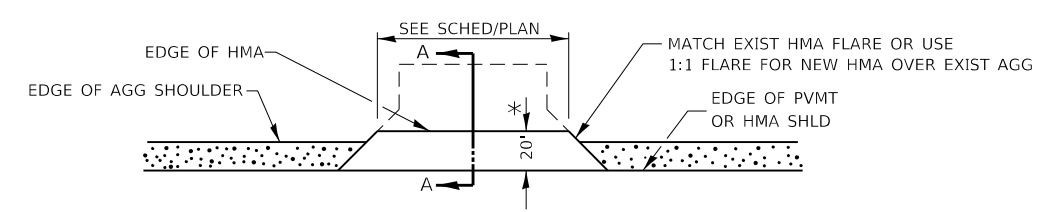


SECTION A-A

RURAL MAILBOX TURNOUT DETAILS



PLAN AT SIDE ROADS AND ALLEYS



PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

* PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.

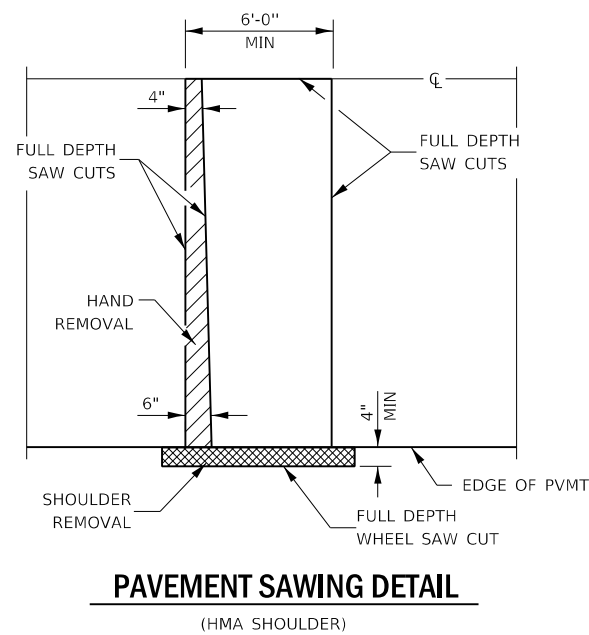
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USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

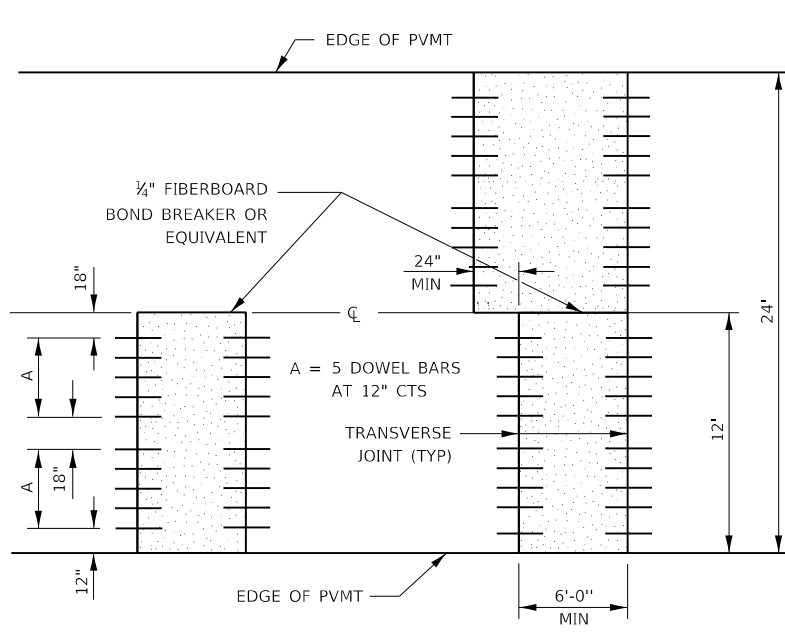
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS	
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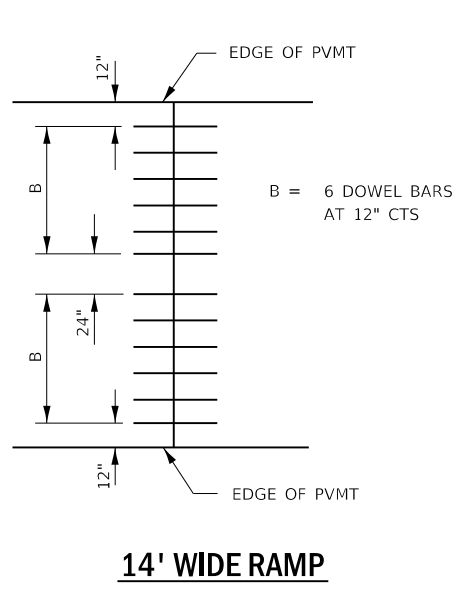
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*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				



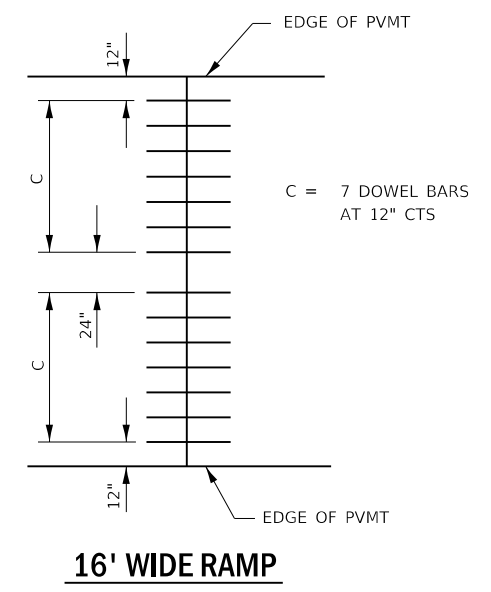
PAVEMENT SAWING DETAIL
(HMA SHOULDER)



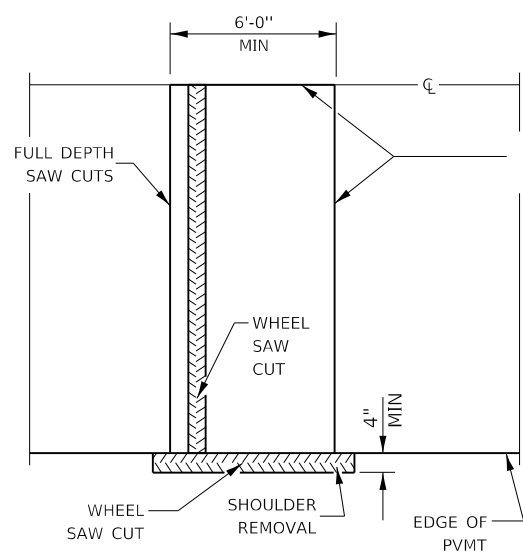
12' WIDE LANES



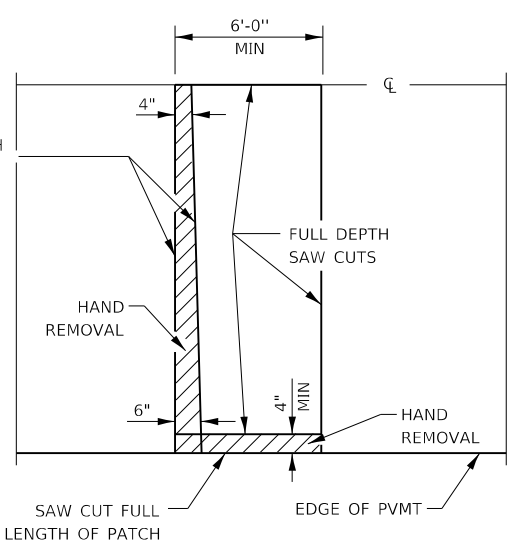
14' WIDE RAMP



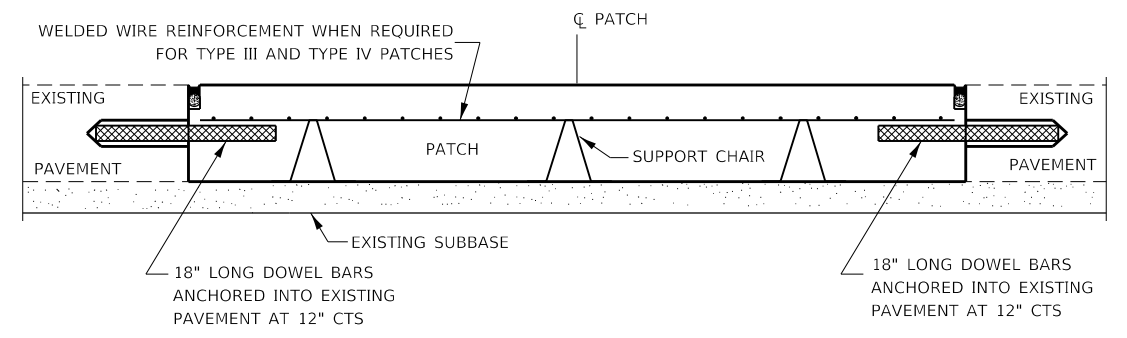
16' WIDE RAMP



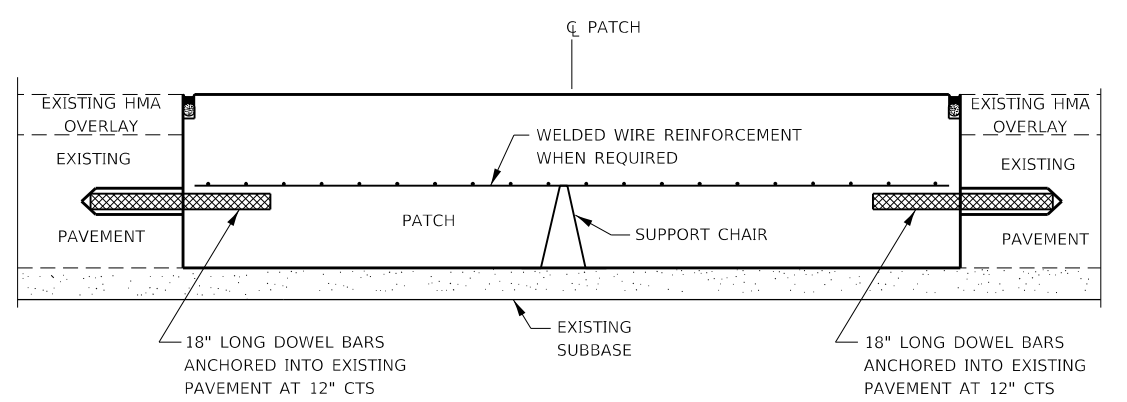
ALTERNATE SAWING DETAIL
(HMA SHOULDER)



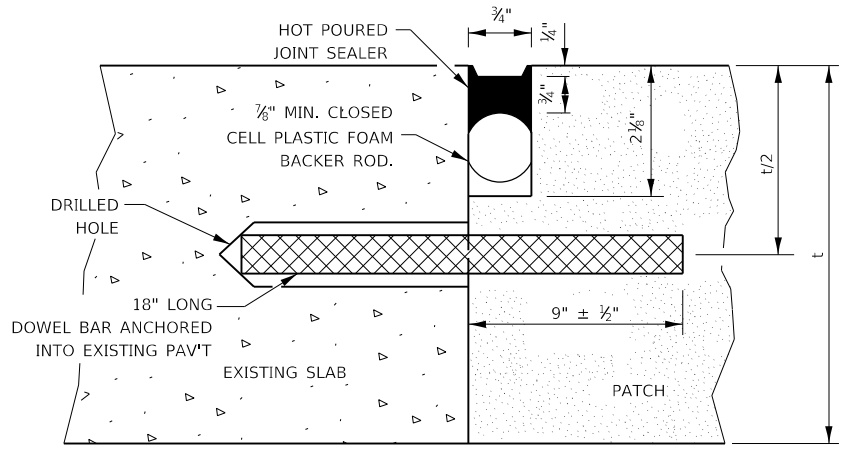
PAVEMENT SAWING DETAIL
(PCC SHOULDER)



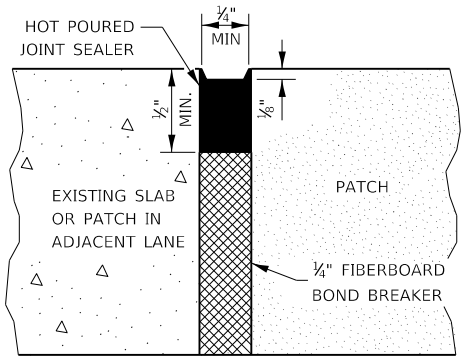
PATCHING WITHOUT HMA OVERLAY



PATCHING WITH HMA OVERLAY



TRANSVERSE JOINT



CENTERLINE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
8" OR GREATER	1 1/2"	1 3/8"
7" THRU 7.99"	1 1/4"	1 3/8"
LESS THAN 7"	1"	1 1/8"

GENERAL NOTES

THE TRANSVERSE JOINTS FOR CLASS B PATCHES SHALL ALIGN WITH JOINTS OR CRACKS IN THE ADJACENT LANE WHENEVER POSSIBLE.
SEE STANDARD 420701 FOR DETAILS OF PAVEMENT WELDED WIRE REINFORCEMENT.

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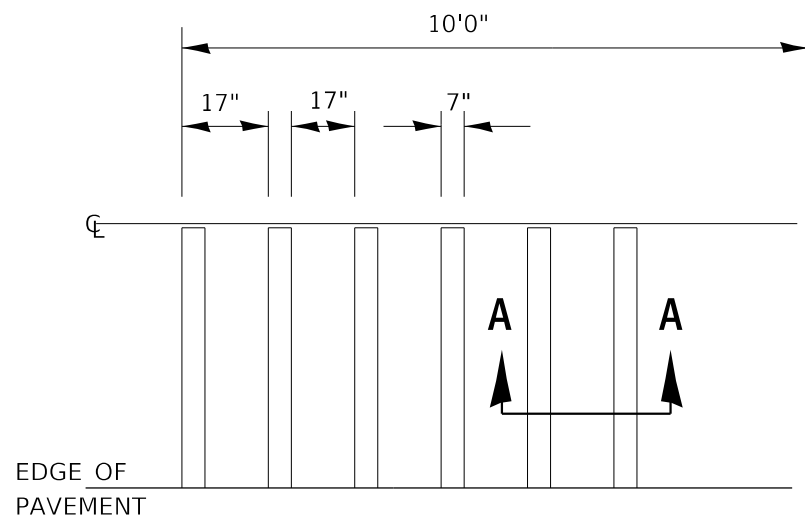
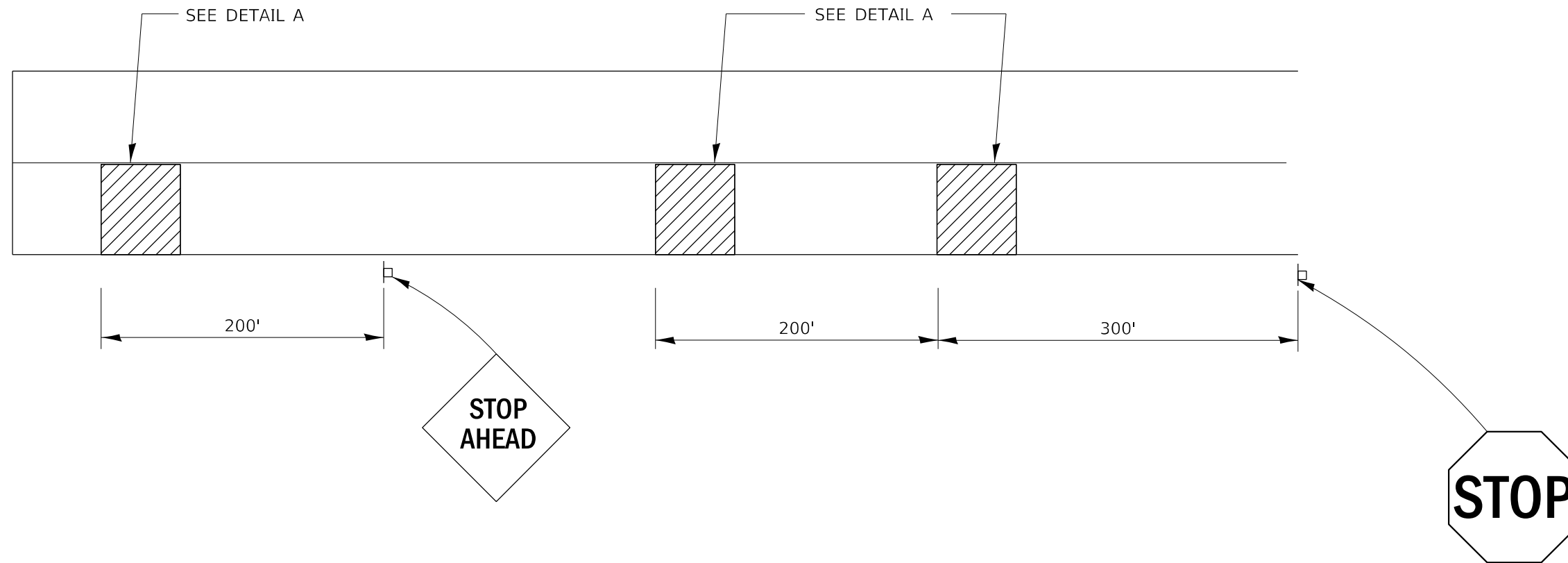
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PLOT SCALE = 100.0000' / in.	DRAWN - C.JOHNSON	REVISED -
PLOT DATE = 3/23/2023	CHECKED - S.CARMIN	REVISED -
	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

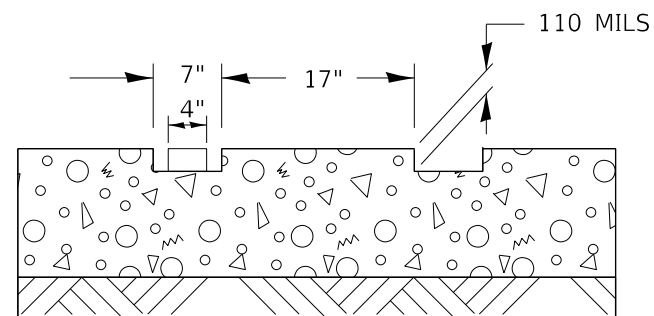
CLASS B PATCHING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 653	SECTION (28,29)R5-3	COUNTY *	TOTAL SHEETS 47	SHEET NO. 38
*LASALLE LIVINGSTON			CONTRACT NO. 66B05	
ILLINOIS FED. AID PROJECT				



DETAIL A



SECTION A-A

**TYPICAL GROOVED RUMBLE STRIP
APPLICATION IN ADVANCE OF AN INTERSECTION**

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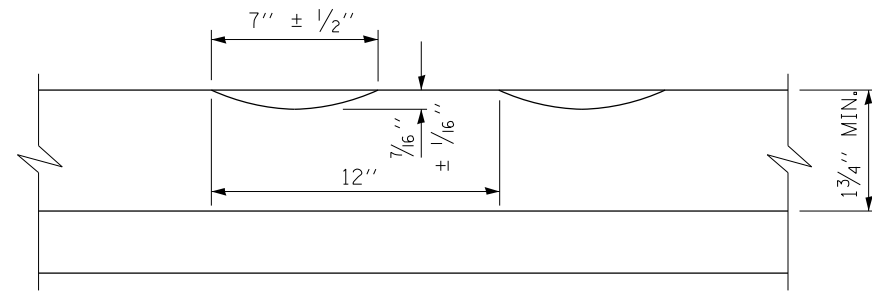
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	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

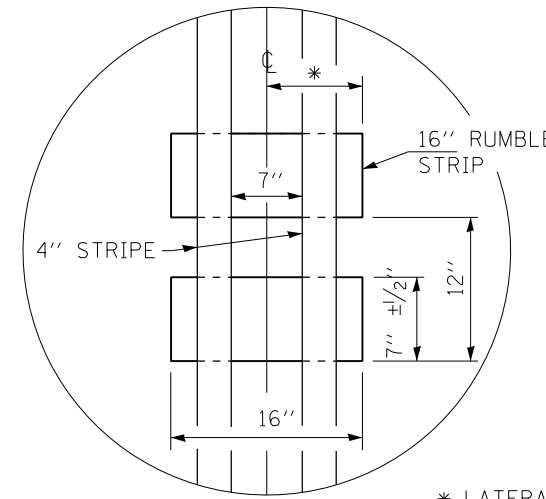
**RUMBLE STRIPS IN ADVANCE OF
INTERSECTION DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

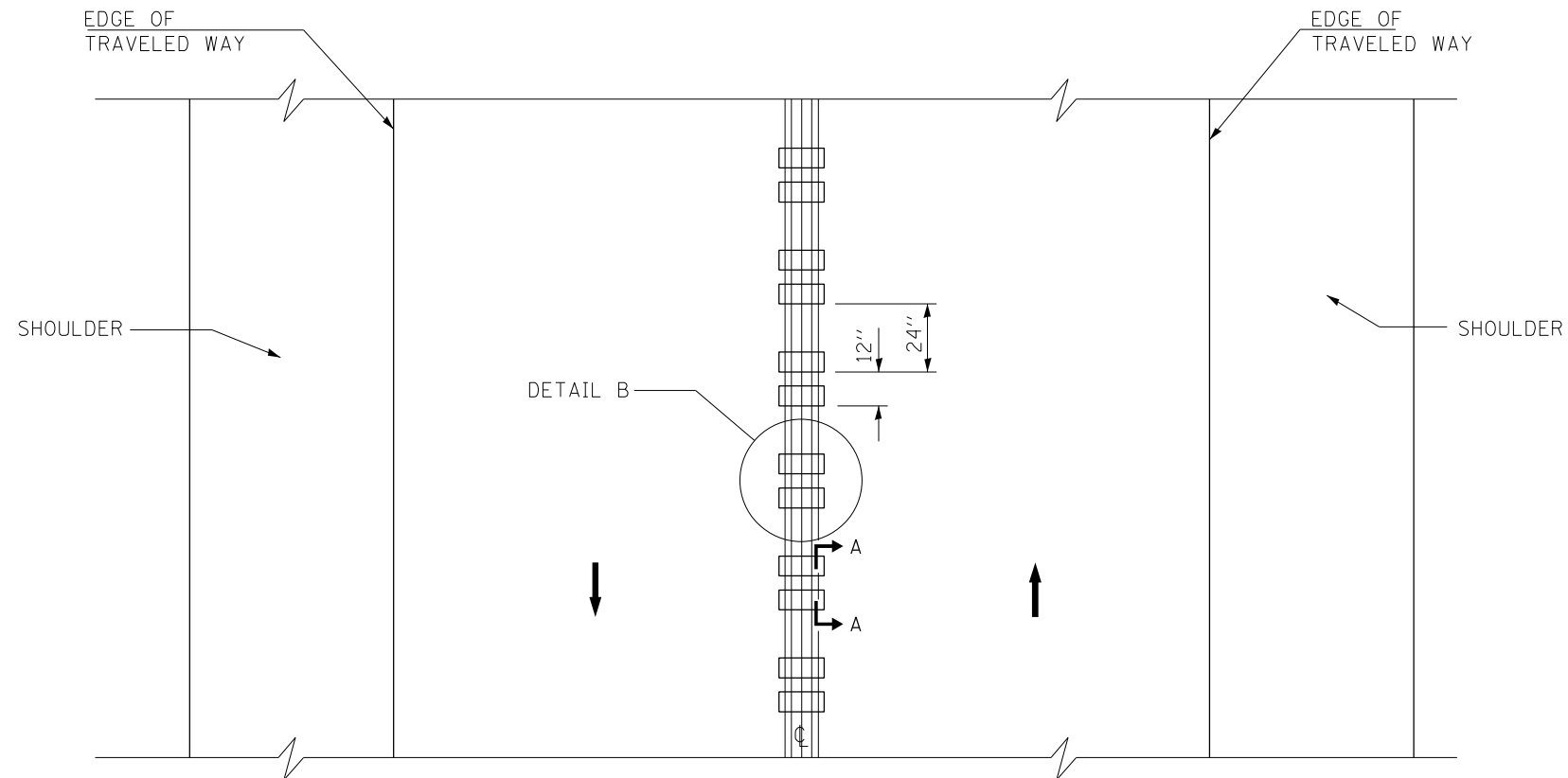


SECTION A-A



* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

DETAIL B



TWO-WAY ROAD

GENERAL NOTES

SEE STANDARD 780001 FOR STRIPING.

RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.

ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

CENTERLINE RUMBLE STRIPS SHALL BE PLACED IN NO PASSING ZONES ONLY.

RUMBLE STRIPS
CENTERLINE

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USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

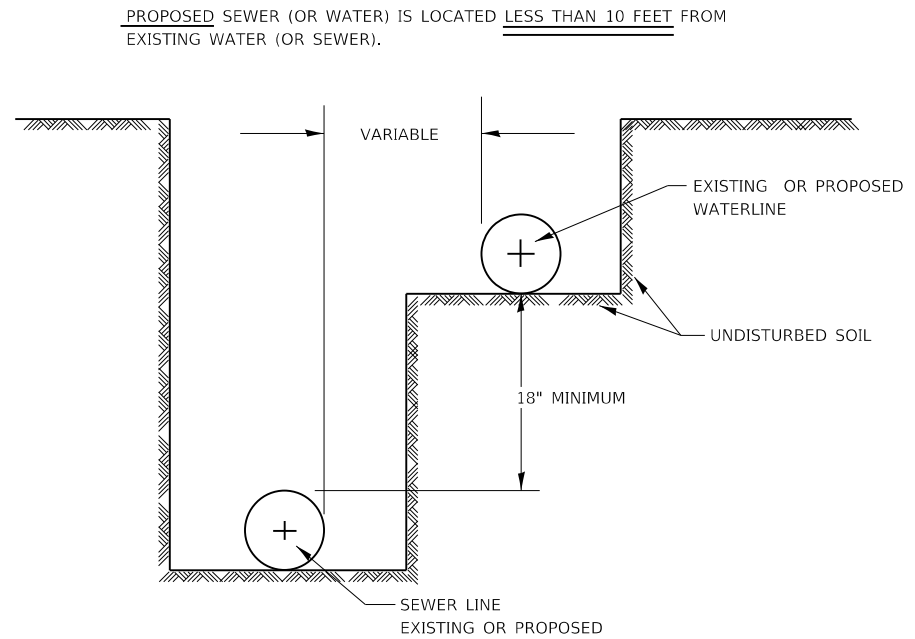
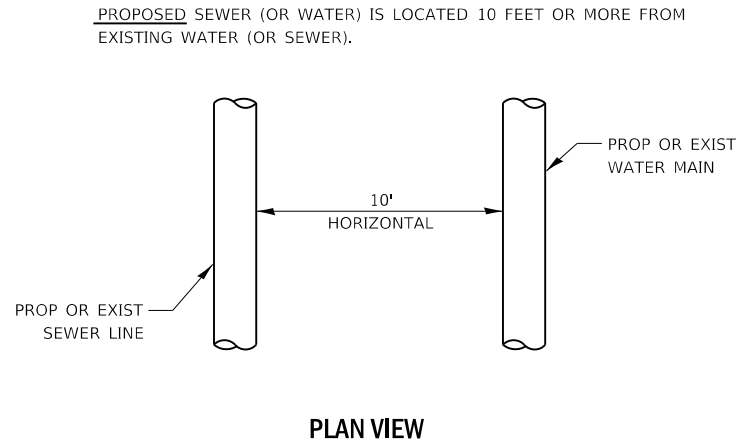
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CENTERLINE RUMBLE STRIPS DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

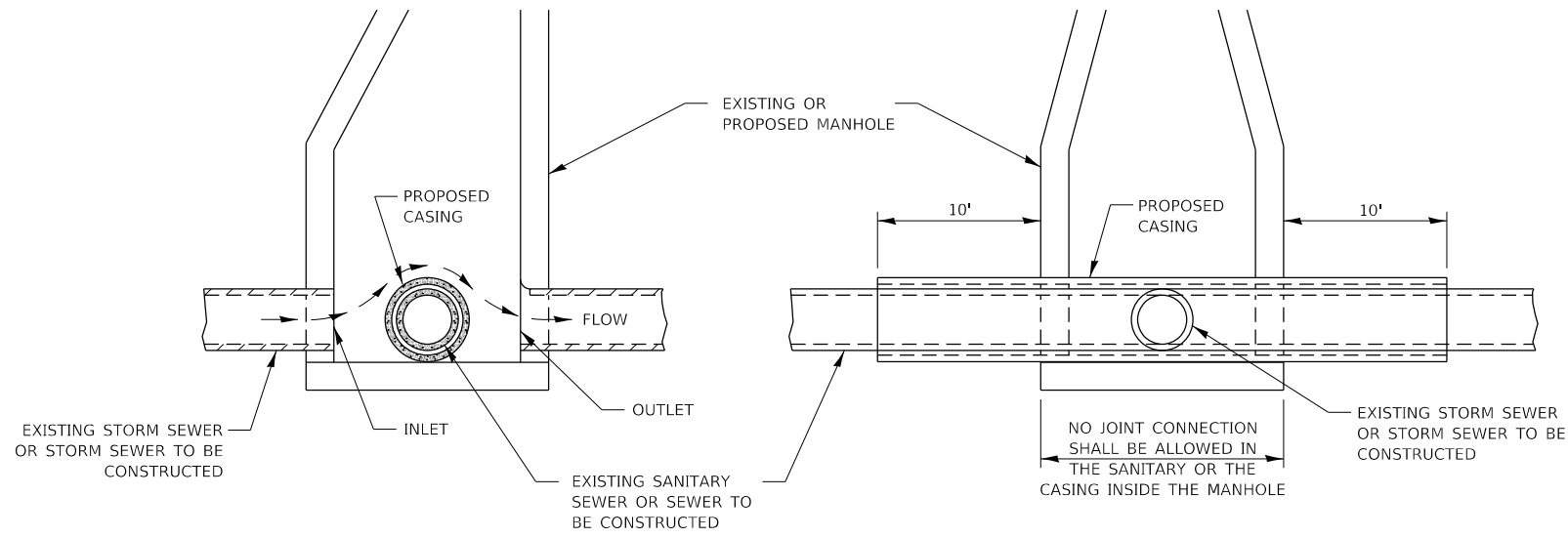
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	41
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				

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WATER AND SEWER SEPARATION REQUIREMENTS - HORIZONTAL SEPARATION

	USER NAME = Joseph.Zagar PLOT SCALE = 100.0000 ' / in. PLOT DATE = 3/23/2023	DESIGNED - DRAWN - C.JOHNSON CHECKED - S.CARMIN DATE - 3/23/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN DETAILS	F.A.P. RTE. 653	SECTION (28,29)R5-3	COUNTY *	TOTAL SHEETS 47	SHEET NO. 42					
						SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	*LASALLE LIVINGSTON ILLINOIS FED. AID PROJECT		
									CONTRACT NO. 66B05						

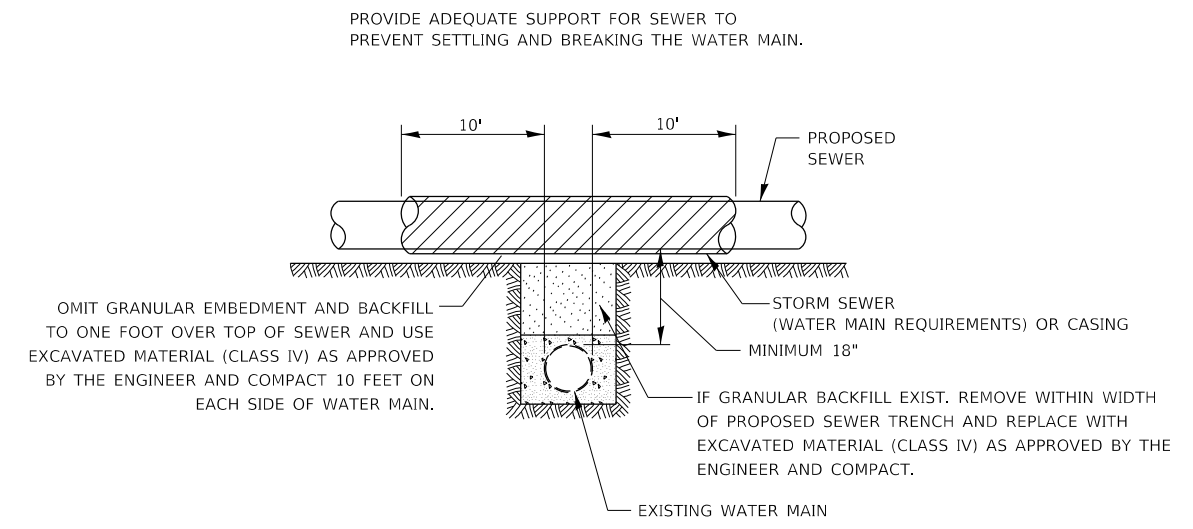


ELEVATION - ECCENTRIC

ELEVATION - CONCENTRIC

CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

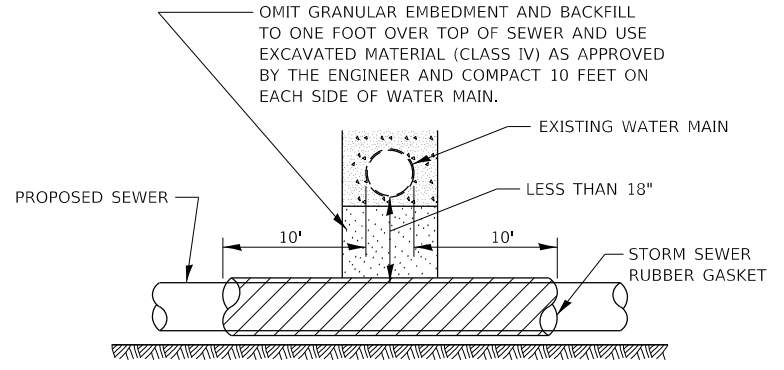
AT GRADE CROSSING OF SANITARY AND STORM SEWER



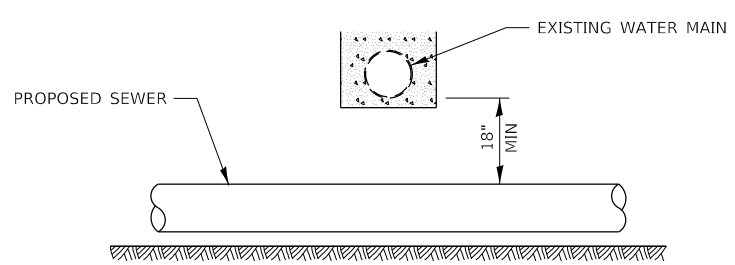
CASING SHALL BE OF WATERMAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROPOSED SEWER LINE WITH MINIMUM 18" VERTICAL SEPARATION ABOVE EXISTING WATERMAIN

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
 PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

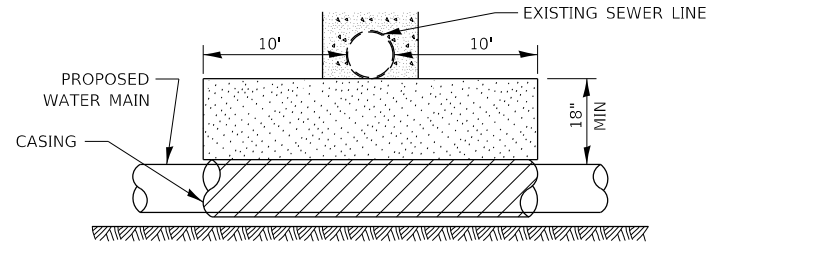


PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
 MAINTAIN 18" MINIMUM VERTICAL SEPARATION FOR 10' HORIZONTALLY

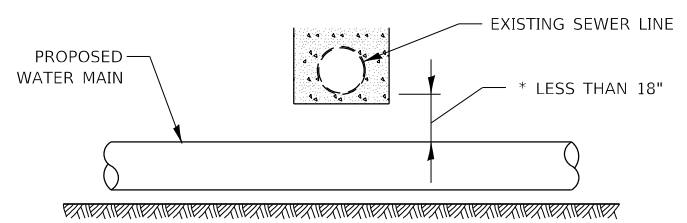


PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
 IF GRANULAR BACK FILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER TRENCH AND REPLACE WITH EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT.
 OMIT GRANULAR EMBEDMENT AND BACKFILL TO ONE FOOT OVER TOP OF WATER MAIN AND USE EXCAVATED MATERIAL (CLASS IV) AS APPROVED BY THE ENGINEER AND COMPACT FOR 10' EITHER SIDE OF SEWER LINE.

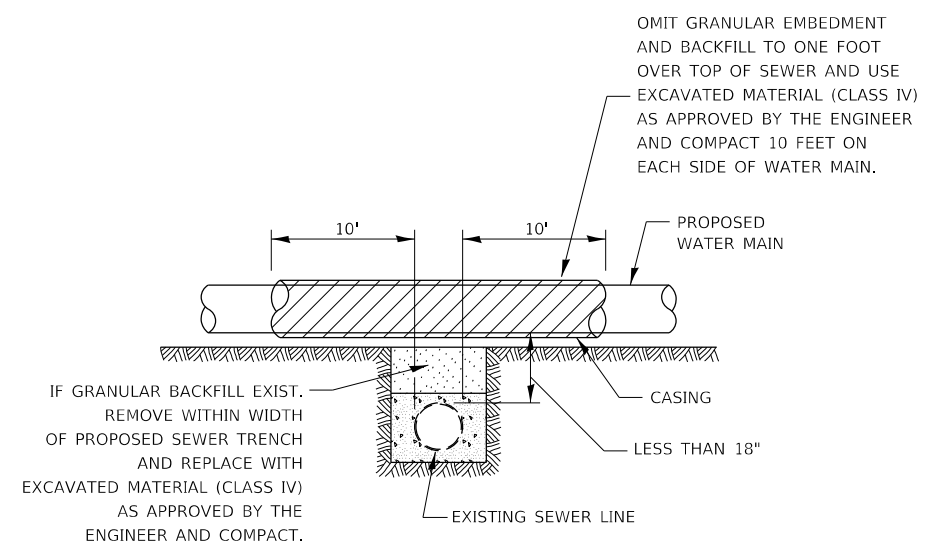


CASING SHALL BE OF WATER MAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED



PROPOSED WATER MAIN BELOW EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER



CASING SHALL BE OF WATERMAIN MATERIAL WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

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USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SEWER AND WATER MAIN CROSSING DETAILS					
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	43
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS		FED. AID PROJECT		

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1½" IN DIA AND 9" DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1½" x 18" SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

INLETS ARE NOT TO BE INCLUDED IN THE MEASUREMENT FOR CURB AND GUTTER REPLACEMENT.

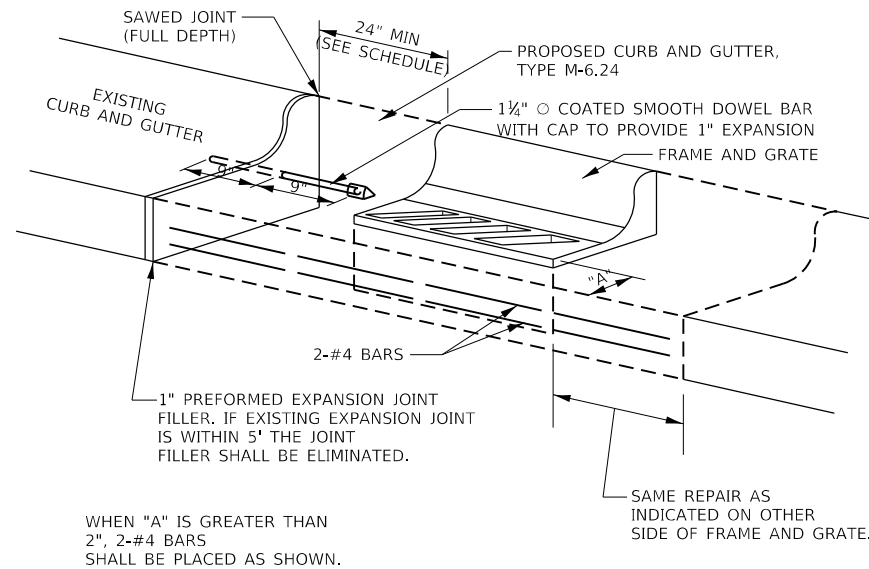
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE CONCRETE REQUIRED BETWEEN THE EDGE OF PAVEMENT AND FRAME AND GRATE SHALL BE CONSIDERED INCIDENTAL TO THE CURB AND GUTTER.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

THE COST OF ALL MATERIALS AND LABOR REQUIRED TO INSTALL THE JOINTS AND BARS IN THE CURBS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CURB AND GUTTER.

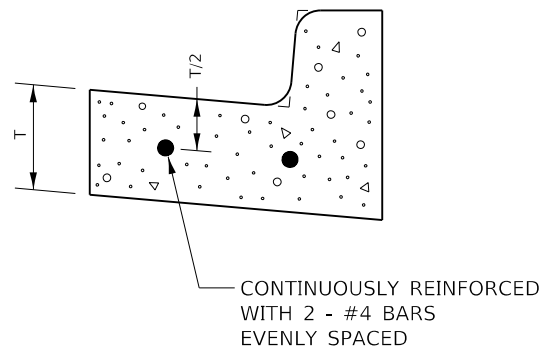
ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.



WHEN "A" IS GREATER THAN 2", 2-#4 BARS SHALL BE PLACED AS SHOWN.

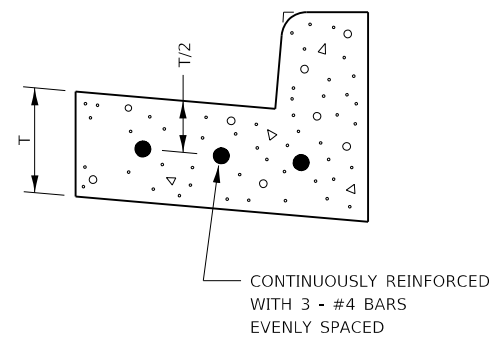
SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

DETAILS FOR CURB & GUTTER REPLACEMENT AT INLET



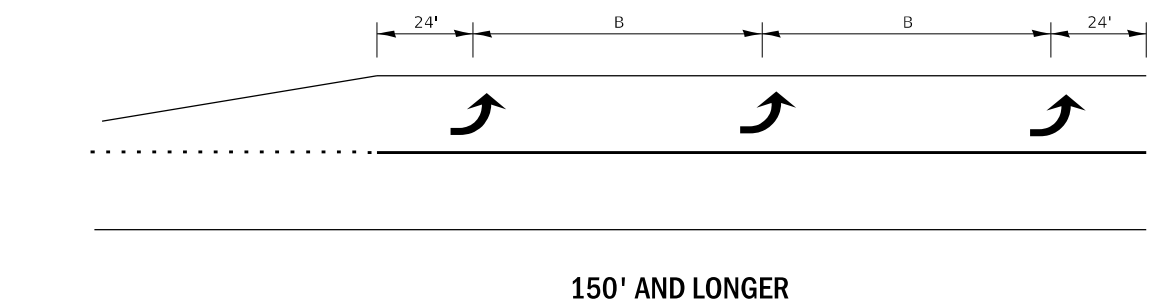
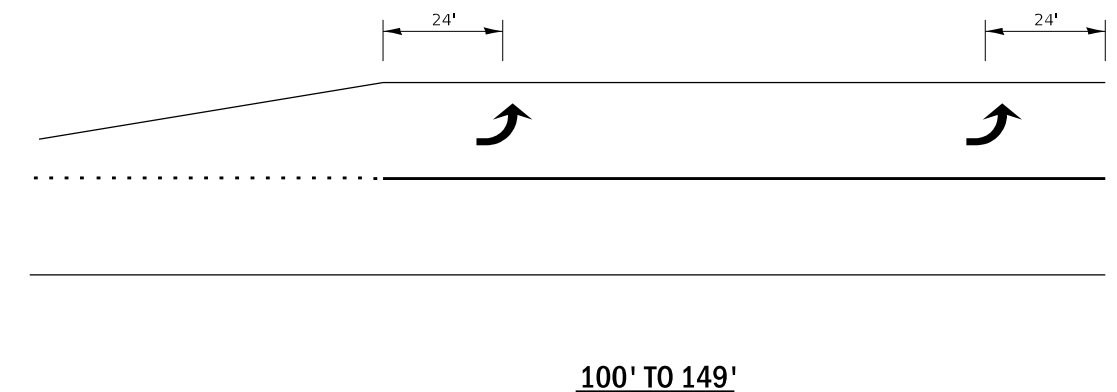
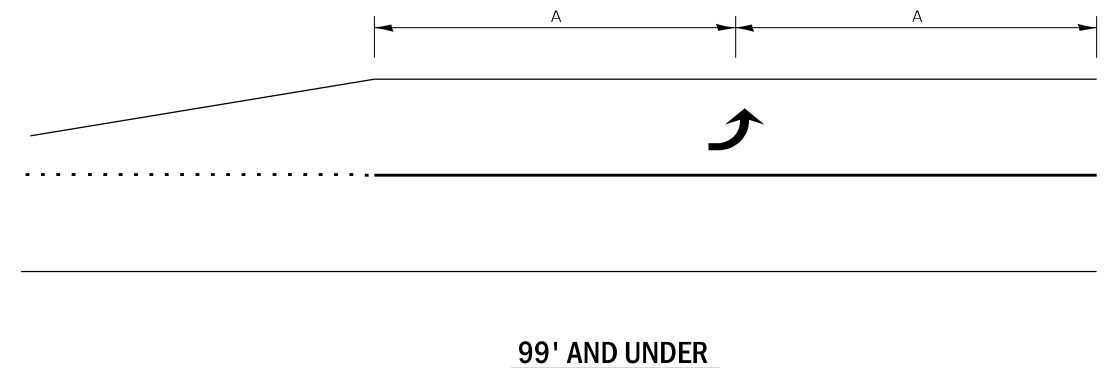
REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18



REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24



TYPICAL PLACEMENT OF ARROWS IN TURN LANES

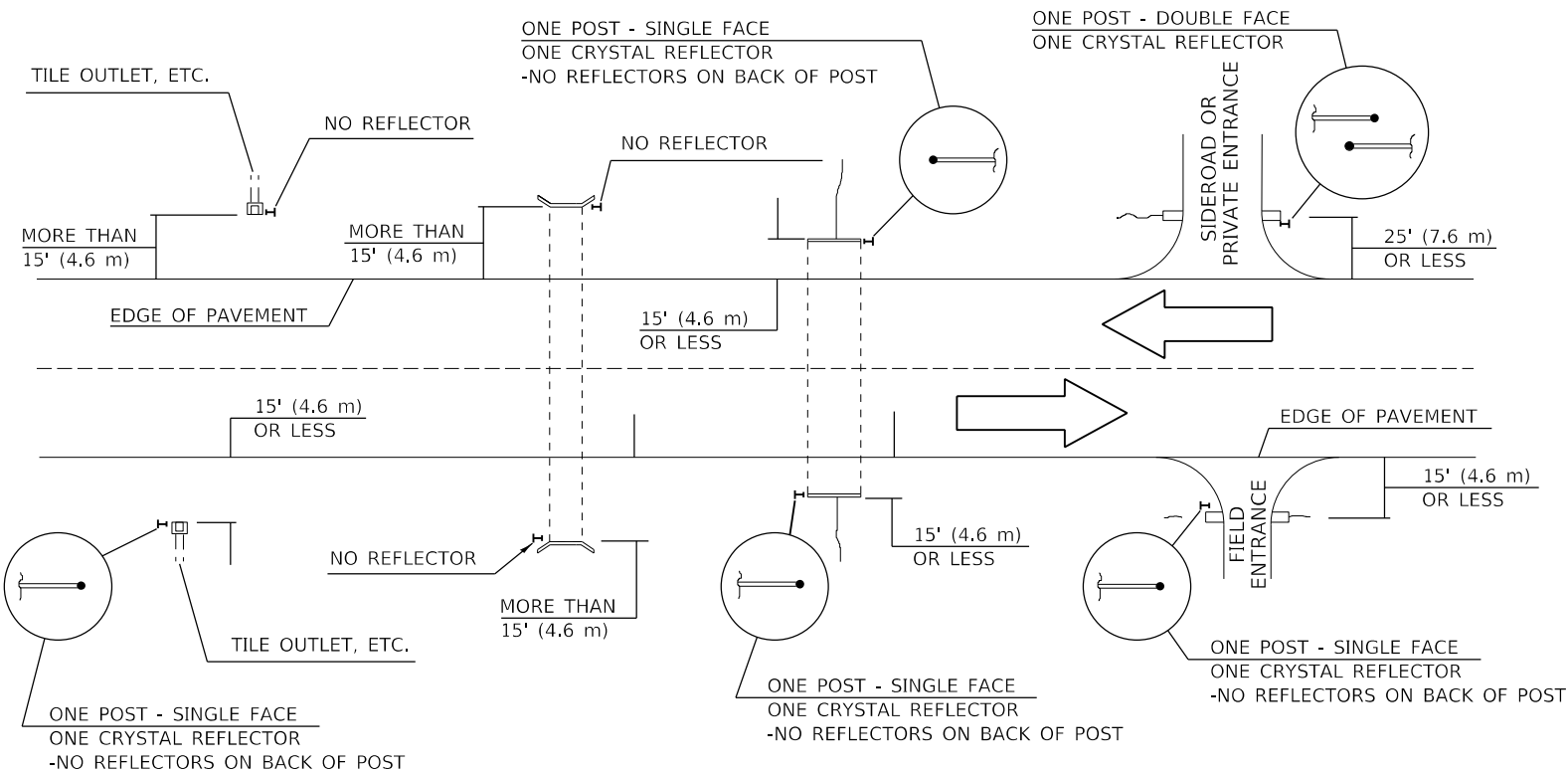
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USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
DRAWN - C.JOHNSON	REVISIONS -	
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA.	TO STA.
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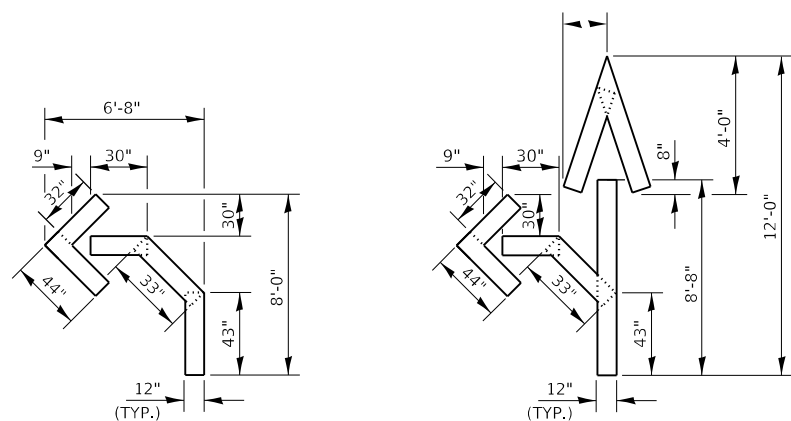
F.A.P. RTE. 653	SECTION (28,29)R5-3	COUNTY *	TOTAL SHEETS 47	SHEET NO. 44
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS

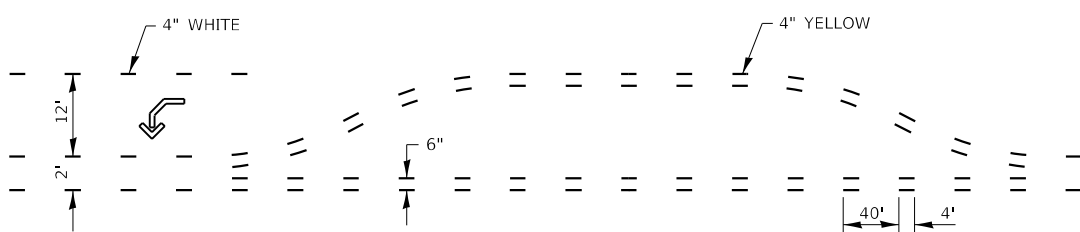
DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	36		N/A	36
SINGLE CRYSTAL			TOTAL	36

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS

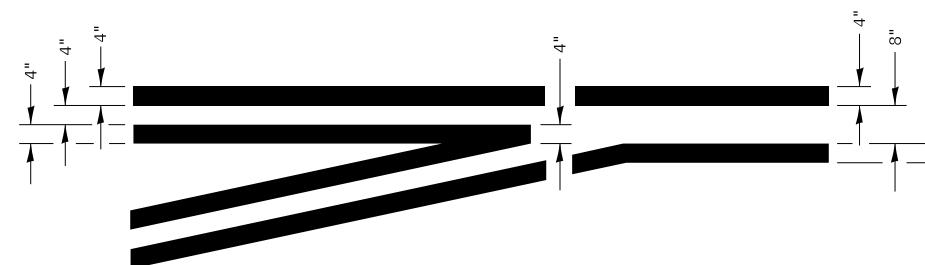


QUANTITY
12" LINE = 16 LIN FT
OR 4" LINE = 48 LIN FT

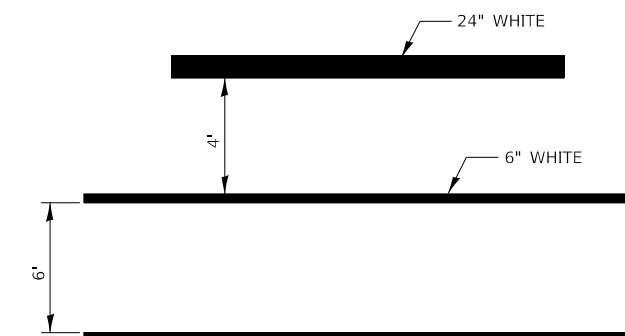
QUANTITY
12" LINE = 29 LIN FT
OR 4" LINE = 87 LIN FT



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



LEFT TURN LANE TYPICAL APPLICATION



TYPICAL SPACING DETAIL FOR CROSSWALKS AND STOP BARS

NOTES

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHER PERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS. CRYSTAL ON RIGHT SIDE, AMBER ON LEFT.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

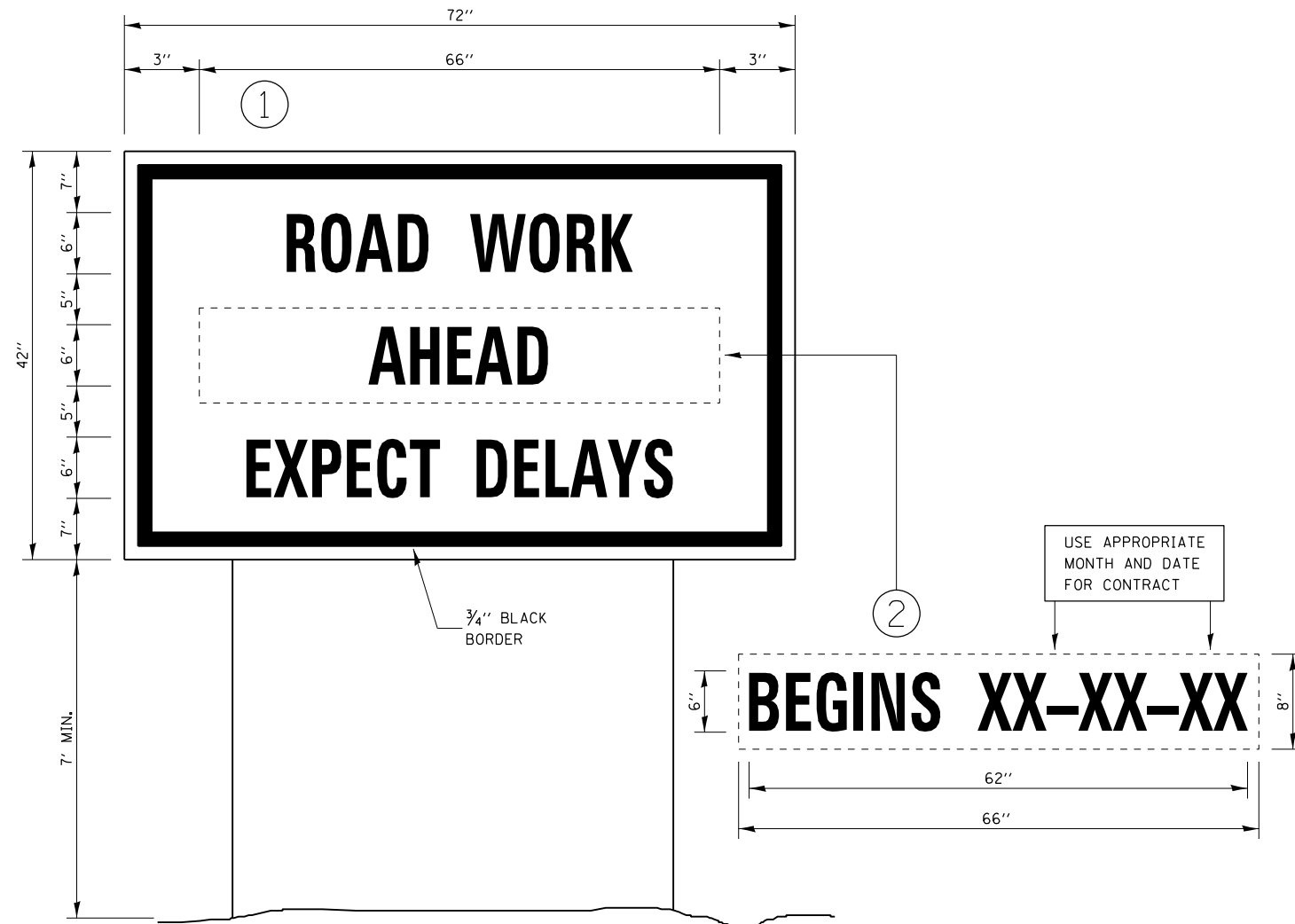
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USER NAME = Joseph.Zagar	DESIGNED -	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

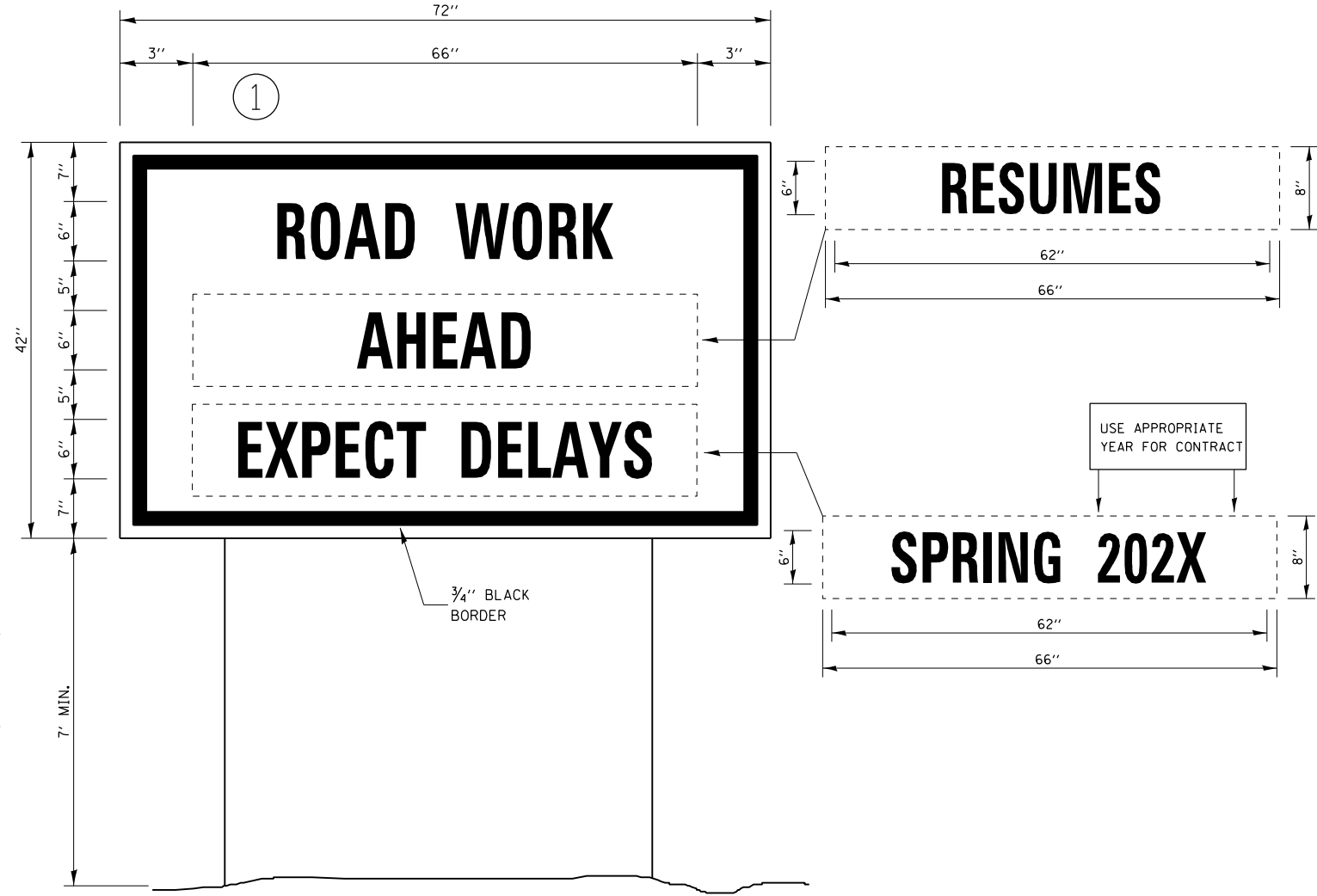
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(28,29)R5-3	*	47	45
*LASALLE LIVINGSTON		CONTRACT NO. 66B05		
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING



WINTER SHUT DOWN SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

MODEL: Default
 FILE: MainE: p:\publib\civ\benitez\com\PHWDOT\Documents\DOT Offices\Bentley: 3\Projects\0366B05\CADD\0366B05-04ht-detailed.dgn

USER NAME = Joseph.Zagar	DESIGNED - D3 STANDARD	REVISED -
	DRAWN - C.JOHNSON	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - S.CARMIN	REVISED -
PLOT DATE = 3/23/2023	DATE - 3/23/2023	REVISED -

**STATE OF ILLINOIS
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DETAILS			
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