03-06-2020 LETTING ITEM 140

FOR INDEX OF SHEETS, SEE SHEET NO. 2

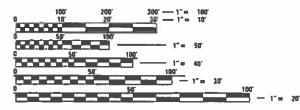
THE PROJECT IS LOCATED IN: LOCATION 1: UNINCORPORATED DUPAGE COUNTY LOCATION 2: CITY OF CHICAGO LOCATION 3: VILLAGE OF JUSTICE LOCATION 4: VILLAGE OF PALOS PARK

LOCATION 1 (IL ROUTE 56) 2017 ADT = 22,700POSTED SPEED LIMIT = 50 MPH **DESIGN DESIGNATION: PRINCIPAL ARTERIAL** 

LOCATION 2 (I-55) 2018 ADT = 190.600POSTED SPEED LIMIT = 55 MPH **DESIGN DESIGNATION: INTERSTATE** 

LOCATION 3 (79TH STREET) 2017 ADT = 27.700POSTED SPEED LIMIT = 45 MPH **DESIGN DESIGNATION: MINOR ARTERIAL** 

LOCATION 4 (131ST STREET) 2018 ADT = 10.500POSTED SPEED LIMIT = 40 MPH DESIGN DESIGNATION: MAJOR COLLECTOR



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

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

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240 PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62H40

# **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

# PROPOSED **HIGHWAY PLANS**

**VARIOUS ROUTES** SECTION: 2018-107-T **DRAINAGE IMPROVEMENT (SOUTH SECTION) VARIOUS COUNTY** C-91-244-19

FOR LOCATION MAPS SEE SHEET NO. 8

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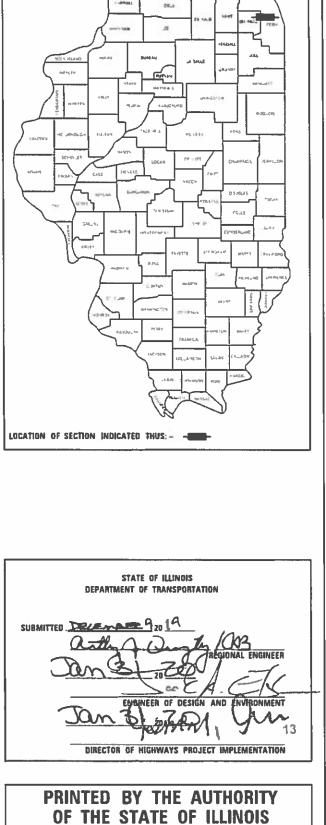
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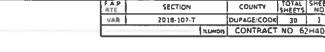
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REV. 1/23/20

# **PRINTED BY THE AUTHORITY** OF THE STATE OF ILLINOIS





D-91-045-19

SECTION

	INDEX OF SHEETS		LIST OF STATE STANDARDS
		<u>STANDARD NO</u>	D. DESCRIPTION
<u>SHEET NO.</u>	DESCRIPTION	000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
1	COVERSHEET	424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
2	INDEX OF SHEETS & STANDARDS	442201-03	CLASS C AND D PATCHES
3	GENERAL NOTES	602001-02	CATCH BASIN, TYPE A
4 - 7	SUMMARY OF QUANTITIES	602011-02	CATCH BASIN, TYPE C
8	GENERAL LOCATION MAP	602301-04	INLET, TYPE A
9	LOCATION 1 IL RTE 56 (BUTTERFIELD ROAD): DRAINAGE IMPROVEMENT PLAN	602401-06	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
10	LOCATION 2 I-55: DRAINAGE IMPROVEMENT PLAN	602402-02	PRECAST MANHOLE, TYPE A, 5' (1.52 M) DIAMETER
11 - 13	LOCATION 2 I-55: SUGGESTED MAINTENANCE OF TRAFFIC	602421-08	PRECAST MANHOLE, TYPE A, 9' (2.74 M) DIAMETER
14	LOCATION 2 I-55: PERMANENT PAVEMENT MARKING PLAN	602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
15	LOCATION 3 79TH STREET AT 86TH AVENUE: DRAINAGE IMPROVEMENT PLAN	604001-05	FRAME AND LIDS, TYPE 1
16 - 17	LOCATION 4 131ST STREET AT 88TH AVENUE: DRAINAGE IMPROVEMENT PLAN	604021-04	BASE, FRAME AND LIDS, TYPE 5
18	JERSEY BARRIER TRANSITION TO DOUBLE SIDED SINGLE SLOPE BARRIER DETAIL	604036-03	GRATE, TYPE 8
19	BD-01: DRIVEWAY DETAILS - DISTANCE BETWEEN R.OW. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 M)	604051-04	FRAME AND GRATE, TYPE 11
20	BD-02: DRIVEWAY DETAILS - DISTANCE BETWEEN R.OW. AND FACE OF CURB & EDGE OF SHOULDER < 15' (4.5 M)	635001-02	DELINEATORS
21	BD-22: PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
22	BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	643001 <b>-</b> 02	SAND MODULE IMPACT ATTENUATORS
23	TC-08: ENTRANCE AND EXIT RAMP CLOSURE DETAILS	701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
24	TC-09: TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTI-LANE WEAVE	701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
25	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
26 - 27	TC-12: MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
28	TC-17: TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
29	TC-22: ARTERIAL ROAD INFORMATION SIGN	701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
30	BLANK SHEET	701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
		701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS $\geq$ 45 MPH
		701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS $\geq$ 45 MPH
		701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
		701446-10	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
		701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
		701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
		701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
		701901-08	TRAFFIC CONTROL DEVICES
		704001-08	TEMPORARY CONCRETE BARRIER

USER NAME = rostkowskir	DESIGNED - RR	REVISED -		INDEX OF SHEETS AND STANDARDS	F.A.P. SECTION	COUNTY TOTAL SHEET SHEETS NO.
	DRAWN - RR	REVISED -	STATE OF ILLINOIS	DRAINAGE IMPROVEMENT (SOUTH SECTION)	VAR 2018-107-	DUPAGE/COOK 30 2
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW	REVISED -	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 62H40
PLOT DATE = 1/13/2020	DATE - 12/20/2019	REVISED -		SCALE NONE SHEET 1 OF 1 SHEETS STA TO STA	ILLIN	OIS FED. AID PROJECT

780001-05

782006-01

TYPICAL PAVEMENT MARKINGS

GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

### GENERAL NOTES

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES, 48 HOUR NOTIFICATION IS REQUIRED.
- 2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, DU PAGE COUNTY, CITY OF CHICAGO, VILLAGE OF JUSTICE. AND VILLAGE OF PALOS PARK.
- 4. THE CONTRATOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN 5. ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 7. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK ON I-55, AND CONTACT ARTERIALS TRAFFIC CONTROL SUPERVISOR AT KALPANA KANNAN-HOSADURGA@ILLINOIS.GOV 72 HOURS BEFORE BEGINNING WORK AT BUTTERFIELD ROAD, 79TH STREET, AND 131ST STREET.
- THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER, AT DON CHIARUGI@ILLINOIS.GOV A 8 MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 9. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 10. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
- 11. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 12. IN ADDITION TO FIELD AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK
- 13. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, IDOT'S 14. COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE.
- 15. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRATOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE 16. CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OF REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN THE ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

HOT MIX ASPHALT MIXTURE REQUIREME	NTS	QUALITY
MIXTURE TYPE	AIR VOIDS @ Ndes	MANAGEMENT PROGRAM (QMP
SHOULDER RUMBLE STRIP REMOVAL REPLACEMENT SURFACE		
HMA SURFACE COURSE, MIX "D", IL-9.5, N70	4% AT 70 GYR	QC/QP
CLASS D PATCHES 10", 13", & 15"		
HMA SURFACE COURSE (TOP 2"), MIX "D", IL-9.5, N70	4% AT 70 GYR	QC/QP
HMA BINDER COURSE, MIX "D", IL-19.0, N70	4% AT 70 GYR	QC/QP
DRIVEWAYS		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50	4% AT 50 GYR	QC/QP
HMA BASE COURSE (HMA BINDER IL-19 mm), 6" - PE	4% AT 50 GYR	QC/QP
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFO	RMANCE (QCP), PAY FOR PE	RFORMANCE (PFP)

- PROVISIONS
- MIXTURE.

USER NAME = rostkowskir	DESIGNED -	RR	REVISED -				GE	NERAL N	OTES		F.A.P. BTE	SECTION	COUNTY	TOTAL SP	1EET NO
	DRAWN -	RR	REVISED -	STATE OF ILLINOIS					(SOUTH SI		VAR	2018-107-T	DUPAGE/COOK	< 30	3
PLOT SCALE = 100.0000 ' / in.	CHECKED -	DW	REVISED -	DEPARTMENT OF TRANSPORTATION		DRAINAGE		UVENIENI		ECTION)	_		CONTRACT	r NO. 62H	40
PLOT DATE = 1/13/2020	DATE -	12/20/2019	REVISED -		SCALE: NONE	SHEET 1	OF	1 SHEETS	S STA	TO STA		ILLINOIS FEI	D. AID PROJECT		

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL

NOTE 3: OUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA

	SUMM	ARY OF QUANTITIES						CTION TY			SUMMARY OF QUANTITIES					CTION TYP	
					TOTAL	0044 DRAINAGE	0044 DRAINAGE	0044 DRAINAGE	0044 DRAINAGE				TOTAL	0044 DRAINAGE	0044 DRAINAGE	0044 DRAINAGE	0044 DRAINAGE
CODE NO		ITEM	1	UNIT	QUANTITIES	100% STATE BUTTERFIELD ROAD	100% STATE 1-55	100% STATE 79TH STREET (LOCATION 3)	131ST STREET	CODE NO	ITEM	UNIT	QUANTITIES	100% STATE BUTTERFIELD ROAD		100% STATE 79TH STREET	IMPROVEMENTS 100% STATE 131ST STREET
20200100	EARTH EXCAVATI	ON		CU YD	129	(LOCATION 1)	52		(LOCATION 4) 77	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1	(LOCATION 1)	1		(LOCATION 4)
20400800	FURNISHED EXCA	AVATION		CU YD	14		14			35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	271.1				271.1
20800150	TRENCH BACKFIL			CU YD	170	3	47	88	32	40604060	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	TON	30.4				30.4
20800130		L			170	3	47	00	32	40004000	HOT-WIX ASPHALT SURFACE COURSE, WIX D , IL-9.3, NOU		30.4				
21101505	TOPSOIL EXCAVA	TION AND PLACEMENT		CU YD	51				51	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6.3			6.3	<u> </u>
				1													1
21101615	TOPSOIL FURNISI	HAND PLACE, 4"		SQ YD	102	2	82	18		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	156.4				156.4
<sup>9</sup> 25000210	SEEDING, CLASS 2	20		ACRE	0.094				0.094	44000600	SIDEWALK REMOVAL	SQ FT	6.3			6.3	
2000210					0.034				0.094							0.0	
25000400	NITROGEN FERTILI	ZER NUTRIENT		POUND	11	1	1	1	8	44001980	CONCRETE BARRIER REMOVAL	FOOT	20		20		
25000500	PHOSPHORUS FER	RTILIZER NUTRIENT		POUND	11	1	1	1	8	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	6	6			 
25000600	POTĀSSIUM FERTI			POUND	11	1	1	1	8	44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	64		64		
25200100	SODDING			SQ YD	102	2	82	18		44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SQ YD	53			53	
28000250	TEMPORARY ERC	DSION CONTROL SEEDING		POUND	9				9	44201857	CLASS D PATCHES, TYPE IV, 17 INCH	SQ YD	147		147		 
28000305	TEMPORARY DITO	CH CHECKS		FOOT	41				41	50104400	CONCRETE HEADWALL REMOVAL	EACH	1				1
28001100	TEMPORARY ERC	DSION CONTROL BLANKET		SQ YD	457				457	50105220	PIPE CULVERT REMOVAL	FOOT	138				138
28100105	STONE RIPRAP, C	CLASS A3		SQ YD	27				27	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	327				327
00000000				00.1/5						EADADOOD							440
28200200	FILTER FABRIC			SQ YD	27				27	542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	140	*	SPECIALTY	ITEMS	140
		USER NAME = rostkowskir PLOT SCALE = 100.0000 ' / in.	DESIGNED - RR DRAWN - RR CHECKED - DW	REVISED REVISED REVISED	-		D		ATE OF IL Nt of tr	LINOIS Ansporta	SUMMARY OF QUANTITIES DRAINAGE IMPROVEMENT (SOUTH SEC		F.A.P RTE. VAR	2018-	107-T I	DUPAGE/COOK	
		PLOT DATE = 12/20/2019	DATE - 12/20/2019	REVISED	-						SCALE: NONE SHEET 1 OF 4 SHEETS STA	TO STA			ILLINOIS FED. AID	PROJECT	

REV. 1/23/20

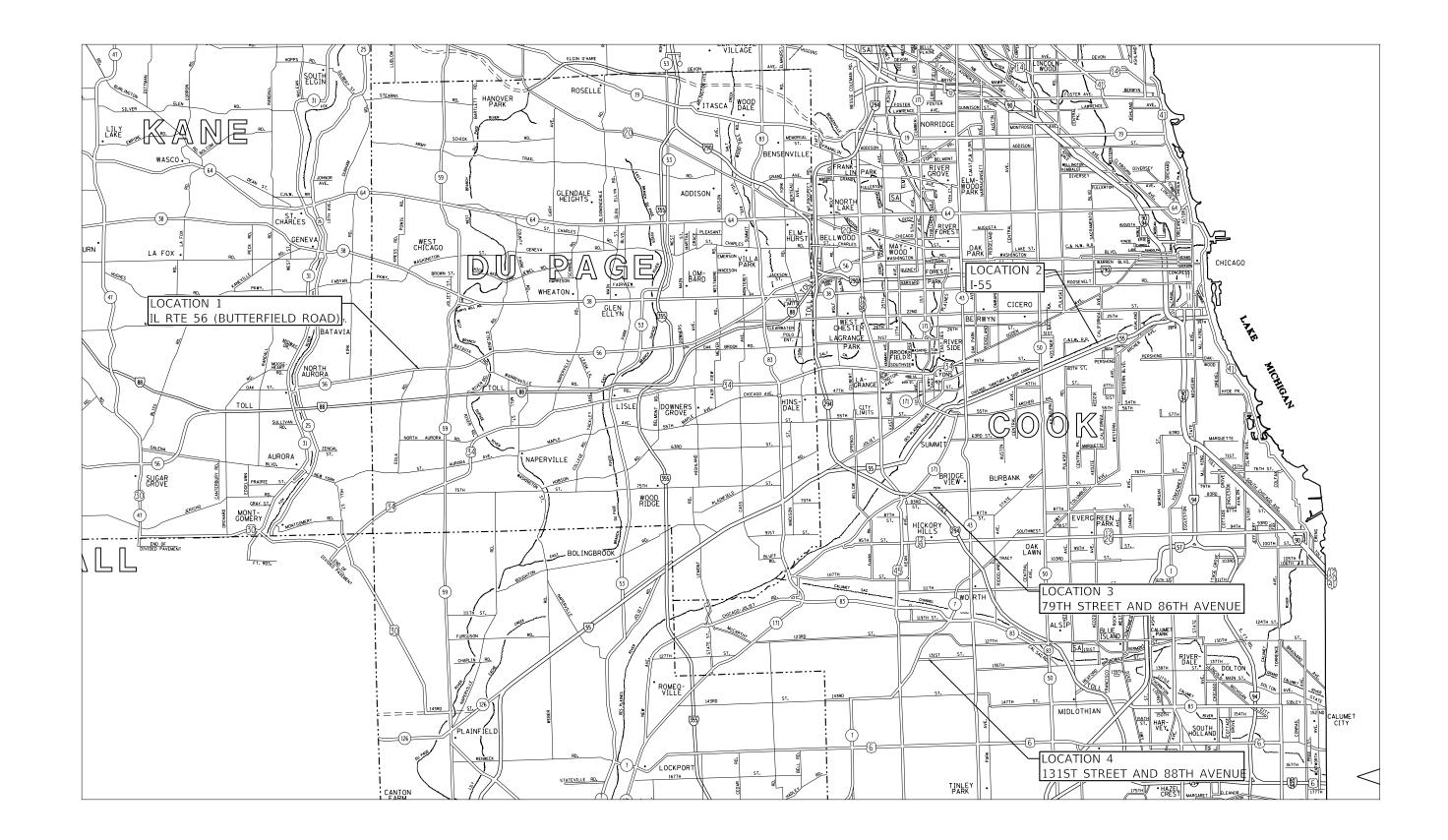
	SUMMARY OF QUANTITIES				-	CTION TYP			SUMM	ARY OF QUANTITIES					CTION TYP	
			TOTAL	0044 DRAINAGE IMPROVEMENTS	0044 DRAINAGE	0044 DRAINAGE IMPROVEMENTS	0044 DRAINAGE IMPROVEMENTS					TOTAL	0044 DRAINAGE IMPROVEMENTS	0044 DRAINAGE IMPROVEMENTS	0044 DRAINAGE IMPROVEMENTS	0044 DRAINAGE IMPROVEMEN
CODE NO	ITEM	UNIT	QUANTITIES	100% STATE BUTTERFIELD	100% STATE	100% STATE	100% STATE 131ST	CODE NO		ITEM	UNIT	QUANTITIES	100% STATE BUTTERFIELD	100% STATE	100% STATE	100% STATE 131ST
				ROAD (LOCATION 1)	I-55 (LOCATION 2)	79TH STREET (LOCATION 3)	STREET (LOCATION 4)						ROAD (LOCATION 1)	I-55 (LOCATION 2)	79TH STREET (LOCATION 3)	STREET
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1				1	60224470	MANHOLES, TYPE	A, 9'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1			1	
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	5.1	5.1				60236200	INLETS, TYPE A, T	YPE 8 GRATE	EACH	1		1		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	16	16				60250800	CATCH BASINS TO	) BE ADJUSTED WITH NEW TYPE 5 FRAME, OPEN LID	EACH	1		1		
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	5			5		60500040	REMOVING MANH	OLES	EACH	1		1		
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	52			52		60500060	REMOVING INLET	5	EACH	1		1		
550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	20		20			* 63301210	REMOVE AND REE	RECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	50				50
55100700	STORM SEWER REMOVAL 15"	FOOT	16	16				* 63700180		IER, SINGLE FACE, 44 INCH HEIGHT	FOOT	20		20		
								64200116	SHOULDER RUM	BLE STRIPS, 16 INCH	FOOT	2200		2200		
55101200	STORM SEWER REMOVAL 24"	FOOT	20		20			* 66900200	NON-SPECIAL WA	STE DISPOSAL	CU YD	480	11	112	203	154
55101600	STORM SEWER REMOVAL 36"	FOOT	15			15		* 66900530	SOIL DISPOSAL AI	VALYSIS	EACH	4	1	1	1	1
		5007				50		* 00004004					0.05	0.05	0.05	0.05
55101900	STORM SEWER REMOVAL 48"	FOOT	52			52		* 66901001	REGULATED SUB	STANCES PRE-CONSTRUCTION PLAN	LSUM		0.25	0.25	0.25	0.25
60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	90		90			* 66901003	REGULATED SUB	STANCES FINAL CONSTRUCTION REPORT	LSUM	1	0.25	0.25	0.25	0.25
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1				1	* 66901006	REGULATED SUB	STANCES MONITORING	DAYS	11	1	2	3	5
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1				67000400	ENGINEER'S FIELI	O OFFICE, TYPE A	CAL MO	6	1.5	1.5	1.5	1.5
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1				67100100	MOBILIZATION		L SUM	1	0.25	0.25	0.25	0.25
60221500	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 5 FRAME, CLOSED LID	EACH	1		1			70102620	TRAFFIC CONTRO	L AND PROTECTION, STANDARD 701501	L SUM	1			0.5	0.5
													*	SPECIALTY	ITEMS	
	USER NAME = rostkowskir DESIGNED - DRAWN -	RR REVISE				ST	ATE OF IL	LINOIS		SUMMARY OF QUANTITIES		F.A.P RTE VAR				TOTAL SHEE SHEETS NO.
	PLOT SCALE = 100.0000 / in. CHECKED	DW REVISE						ANSPORTA	TION	DRAINAGE IMPROVEMENT (SOUTH SECTI	ON)	VAR	2018-	10/-1	DUPAGE/COOK	NO. 62H40

	SUMMA	ARY OF QUANTITIES				0044		CTION TYP	PE CODE		SUMMARY	OF QUANTITIES				CONSTRUCTION	
					TOTAL	0044 DRAINAGE IMPROVEMENTS	0044 DRAINAGE IMPROVEMENTS	0044 DRAINAGE SIMPROVEMENTS	DRAINAGE					TOTAL	0044 DRAINAGE IMPROVEMENTSI	0044 004 DRAINAGE DRAIN/ MPROVEMENTSIMPROVEI	AGE DRAINAGE
CODE NO		ITEM		UNIT	QUANTITIES	BUTTERFIELD ROAD	100% STATE I-55 (LOCATION 2)	100% STATE 79TH STREET (LOCATION 3)	131ST STREET	CODE NO		ITEM	UNIT	QUANTITIES	100% STATE BUTTERFIELD ROAD	100% STATE 100% S 1-55 79TH ST (LOCATION 2) (LOCATIO	REET 131ST STREET
70102625	TRAFFIC CONTRO	L AND PROTECTION, STANDARD 70160	06	L SUM	1	(LOCATION 1)		1	(LOCATION 4)	* 78009008	MODIFIED URETHANE F	AVEMENT MARKING - LINE 8"	FOOT	432	(LOCATION 1)	432	(LOCATION 4)
70102640	TRAFFIC CONTRO	L AND PROTECTION, STANDARD 70180	01	L SUM	1			1		* 78009012	MODIFIED URETHANE F	AVEMENT MARKING - LINE 12"	FOOT	263		263	
70200100	NIGHTTIME WORK	ZONE LIGHTING		L SUM	1		1			* 78100100	RAISED REFLECTIVE P/	AVEMENT MARKER	EACH	110		110	
70300220	TEMPORARY PAVE	EMENT MARKING - LINE 4"		FOOT	2234		2234			* 78200010	BARRIER WALL REFLEC	TORS, TYPE B	EACH	1		1	
70300230	TEMPORARY PAVE	EMENT MARKING - LINE 5"		FOOT	1100		1100			78300200	RAISED REFLECTIVE P/	VEMENT MARKER REMOVAL	EACH	110		110	
										X0325201			SQ YD	773		773	
70300250	TEMPORARY PAVE	EMENT MARKING - LINE 8"		FOOT	648		648			X0327301	RELOCATE EXISTING M	AILBOX	EACH	3			3
70300260	TEMPORARY PAVE	EMENT MARKING - LINE 12"		FOOT	263		263			X0327980	PAVEMENT MARKING R	EMOVAL - WATER BLASTING	SQ FT	1903		1903	
70300904	PAVEMENT MARKI	NG TAPE, TYPE IV 4"		FOOT	4646		4646			* X2700009	PREFORMED PLASTIC F	PAVEMENT MARKING, TYPE D - LINE 5"	FOOT	1100		1100	
70300905	PAVEMENT MARKI	ING TAPE, TYPE IV 5"		FOOT	1101		1101			X5420615	PIPE CULVERTS TO BE	CLEANED 15"	FOOT	47			47
70300908	PAVEMENT MARKI	ING TAPE, TYPE IV 8"		FOOT	1065		1065			<b>*</b> X6330190	REMOVE AND RE-EREC	T TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL	EACH	1			1
70300912	PAVEMENT MARKI	ING TAPE, TYPE IV 12"		FOOT	516		516			X7011015	TRAFFIC CONTROL AND	PROTECTION (EXPRESSWAYS)	L SUM	1		1	
70400100	TEMPORARY CON	CRETE BARRIER		FOOT	586		586			X7013820	TRAFFIC CONTROL SUF	RVEILLANCE, EXPRESSWAYS	CAL DA	7		7	
70400600	RELOCATE TEMPO	DRARY CONCRETE BARRIER, STATE O	WNED	FOOT	185		185			X7030005	TEMPORARY PAVEMEN	T MARKING REMOVAL	SQ FT	5132		5132	
* 78000400	THERMOPLASTIC	PAVEMENT MARKING - LINE 6"		FOOT	30			30		<b>*</b> X7830072	GROOVING FOR RECES	SED PAVEMENT MARKING 6"	FOOT	1100		1100	
* 78009004	MODIFIED URETH/	ANE PAVEMENT MARKING - LINE 4"		FOOT	745		745			Z0004562	COMBINATION CONCRE	TE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	31		15 16	
															*	SPECIALTY ITEMS	5
		USER NAME = rostkowskir PLOT SCALE = 100.0000 ' / in. PLOT DATE = 12/20/2019	DESIGNED - RR DRAWN - RR CHECKED - DW DATE - 12/20/2019	REVISED REVISED REVISED REVISED	) - ) -		D		ATE OF II NT OF TR	LLINOIS Bansporta		SUMMARY OF QUANTITIES DRAINAGE IMPROVEMENT (SOUTH SEC LE: NONE SHEET 3 OF 4 SHEETS STA	CTION) TO STA	F.A.P. RTE. VAR	2018-	.07-T DUPAGE/C	TY TOTAL SHEE'SHEETS NO. SHEETS NO. COOK 30 6 RACT NO. 62H40

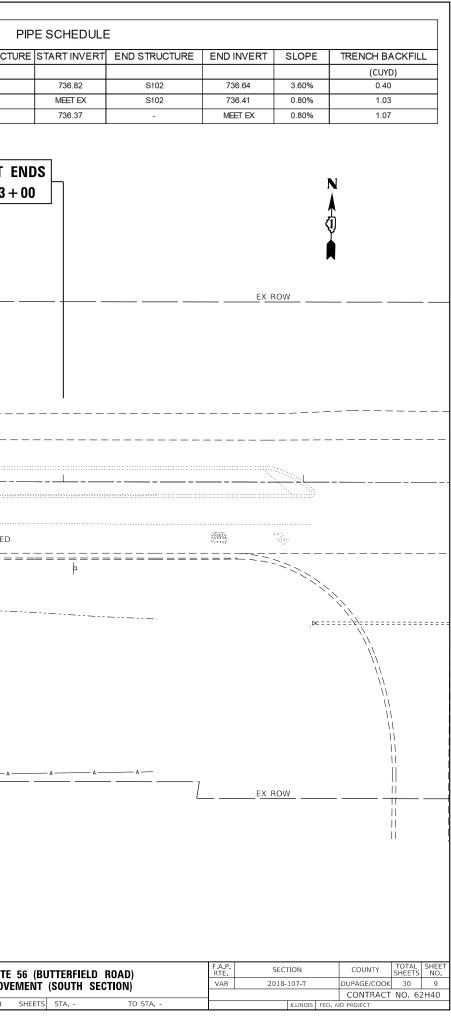
# REV. 1/24/20 REV. 1/23/20

[							CONSTRU	CTION TY	PE CODE			
	SUMMAI	RY OF QUANTITIES				0044 DRAINAGE	0044 DRAINAGE	0044 DRAINAGE	0044 DRAINAGE		SUMM	MARY OF QUANTITIES
CODE NO		ITEM		UNIT	TOTAL QUANTITIES	IMPROVEMENTS	IMPROVEMENTS 100% STATE	IMPROVEMENTS 100% STATE 79TH STREET (LOCATION 3)	IMPROVEMENTS 100% STATE	CODE NO		ITEM
Z0029300	GROUT REPAIR			FOOT	1	(LOCATION 1)	1		(LOCATION 4)			
Z0030850	TEMPORARY INFOF	RMATION SIGNING		SQ FT	102			51	51			
										-		
1519-sht-SC												
esign/D104												
DADData/D												
s/D104519/												
t 1/Project:												
Ices/Distric												
s/IDOT Off												
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ot.Illinois.g												
olanroom.d												
AME: pw://p	  -	USER NAME = rostkowskir	DESIGNED - RR DRAWN - RR	REVISED REVISED				ST	ATE OF I	LLINOIS	1	SUMMARY OF
FILE NAM	-	PLOT SCALE         = 100.0000 ' / in.           PLOT DATE         = 12/20/2019	CHECKED         -         DW           DATE         -         12/20/2019	REVISED REVISED	-		DI			RANSPORTA	TION	DRAINAGE IMPROVEME           SCALE: NONE         SHEET 4         OF 4         SHEET 4

						CTION TYP	
				0044	0044	0044	0044
		тоти	21	DRAINAGE	DRAINAGE	DRAINAGE	DRAINAGE
		QUANT		IMPROVEMENTS 100% STATE	IMPROVEMENTS 100% STATE	IMPROVEMENTS 100% STATE	IMPROVEMENTS 100% STATE
	UNIT	QUANT	IIIES	BUTTERFIELD			100% STATE 131ST
				ROAD	I-55 (LOCATION 2)	79TH STREET (LOCATION 3)	STREET
				(LOCATION 1)			(LOCATION 4)
				*	SPECIALTY	ITEMS	
	I	1	F.A.P.	SEC.	TION	COUNTY ,	TOTAL SHEET
UANTITIES	<b>0</b> M N		RTE. VAR	2018-		DUPAGE/COOK	HEETS NO. 30 7
(SOUTH SECTI				1 2010		CONTRACT	
S STA	TO STA.				ILLINOIS FED. AI		

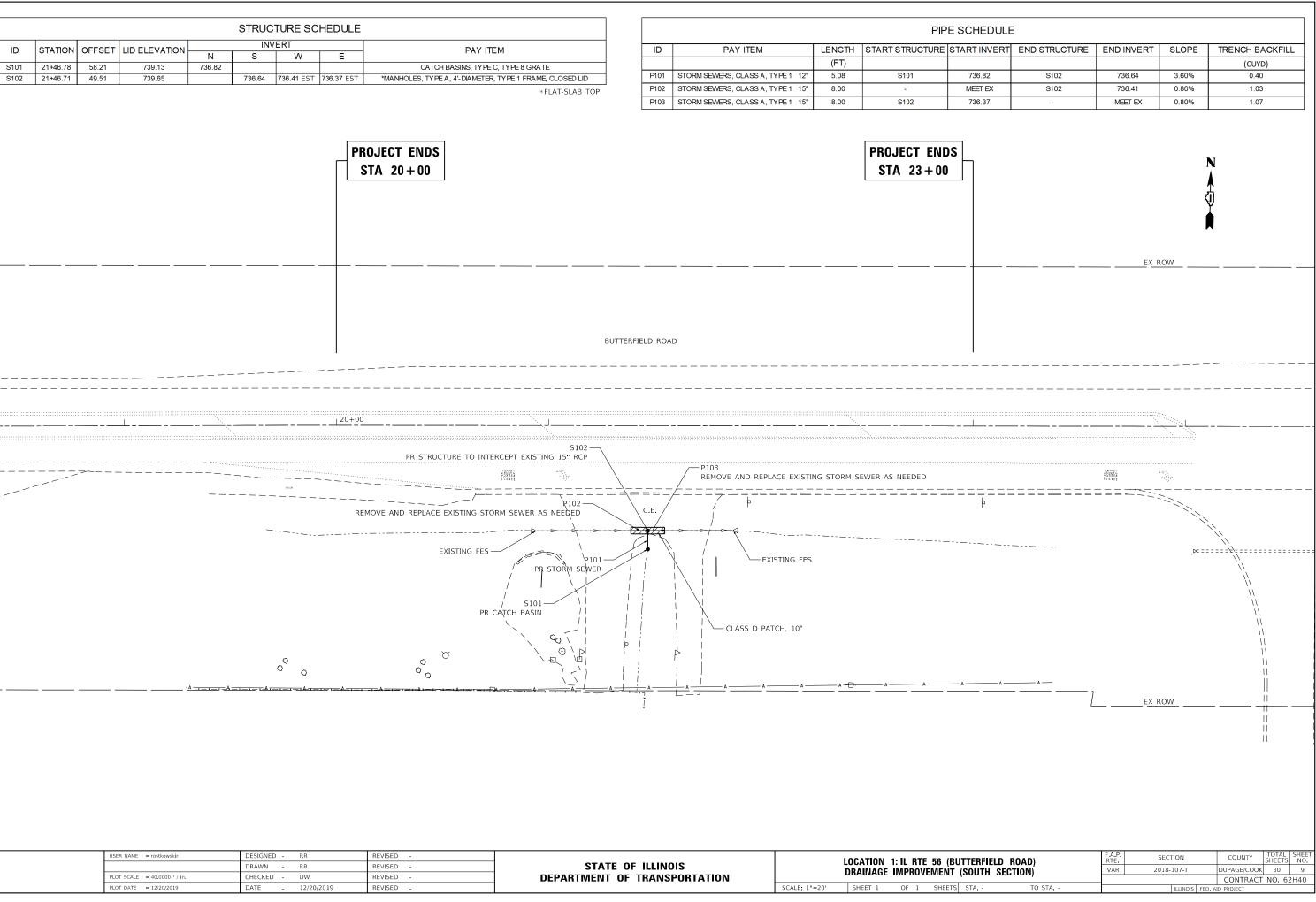


USER NAME = rostkowskir PLOT SCALE = 100.0000 ' / in.	DESIGNED - DRAWN - CHECKED -	RR RR DW	REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					ON MAP (SOUTH	SECTION)	F.A.P. RTE. VAR	SECTION 2018-107-T	COUNTY T SH DUPAGE/COOK CONTRACT N	OTAL SHEET HEETS NO. 30 8
PLOT DATE = 12/20/2019	DATE -	12/20/2019	REVISED -		SCALE: -	SHEET 1	OF 1	SHEETS	STA	TO STA		ILLINOIS F	ED. AID PROJECT	101 021110

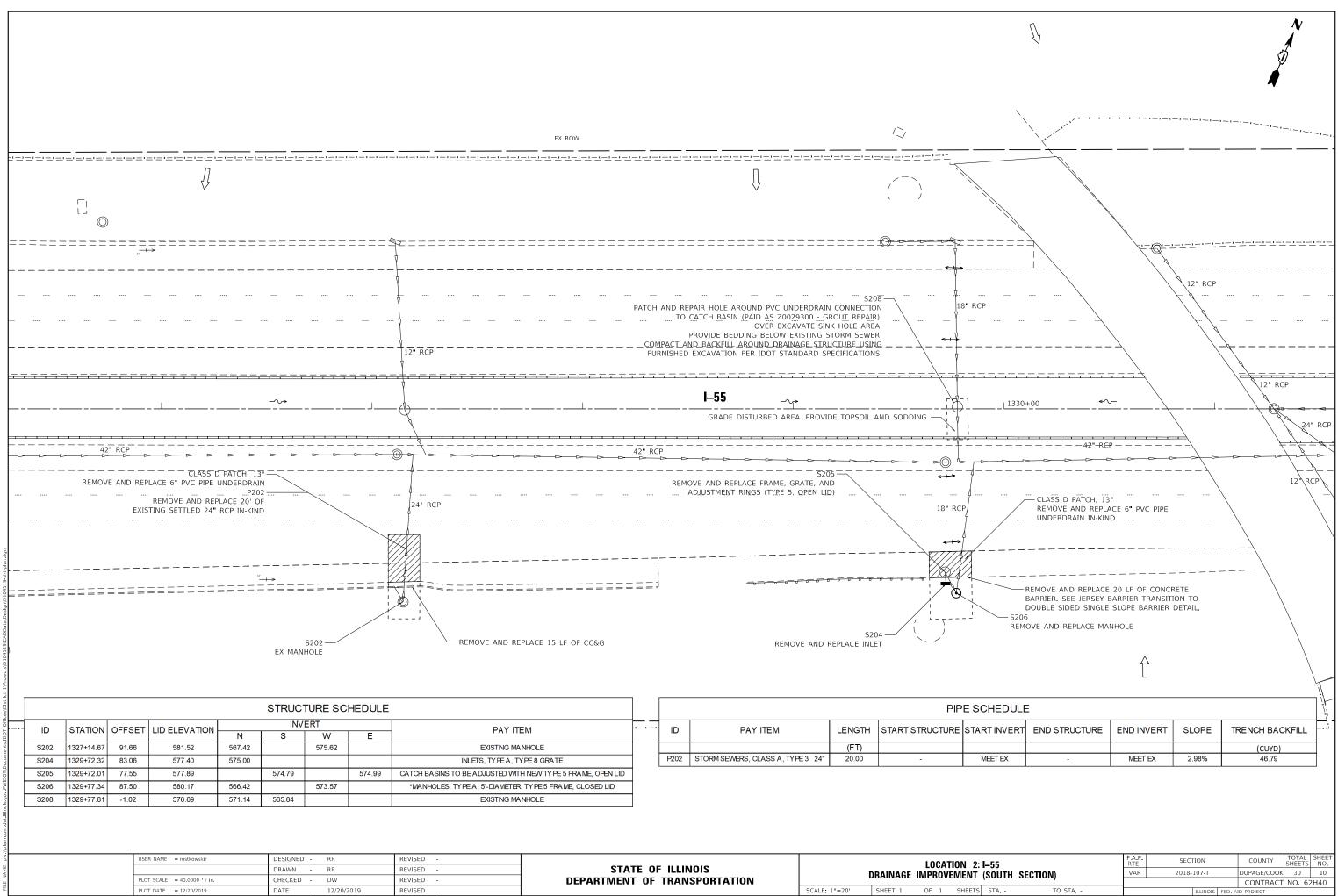


			PIP	E 3
ID	PAY ITEM	LENGTH	START STRUCTURE	STA
		(FT)		
P101	STORM SEWERS, CLASS A, TYPE 1 12"	5.08	S101	
P102	STORM SEWERS, CLASS A, TYPE 1 15"	8.00	-	
P103	STORM SEWERS, CLASS A, TYPE 1 15"	8.00	S102	

			1		INI	/ERT		
ID	STATION	OFFSET		N	S	W	E	PAY ITEM
101	21+46.78	58.21	739.13	736.82				CATCH BASINS, TYPE C, TYPE 8 GRATE
102	21+46.71	49.51	739.65		736.64	736.41 EST	736.37 EST	*MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID



USER NAME = rostkowskir	DESIGNED -	RR	REVISED -			OCATION 1	IL RTE 56 (BU
	DRAWN -	RR	REVISED -	STATE OF ILLINOIS			MPROVEMENT (
PLOT SCALE = 40.0000 / in.	CHECKED -	DW	REVISED -	DEPARTMENT OF TRANSPORTATION	1	UNAIIVAGE II	
PLOT DATE = 12/20/2019	DATE -	12/20/2019	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1 SHEETS



USER NAME = rostkowskir	DESIGNED - RR	REVISED -				LOCATI	011 2.1
	DRAWN - RR	REVISED -	STATE OF ILLINOIS	,		MPROVE	
PLOT SCALE = 40.0000 / in.	CHECKED - DW	REVISED -	DEPARTMENT OF TRANSPORTATION	L	DRAINAGE IN	VIFNUVEI	
PLOT DATE = 12/20/2019	DATE - 12/20/2019	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1	SHEETS

## **LOCATION 2: I-55 DRAINAGE IMPROVEMENT** SUGGESTED SEQUENCE OF CONTRUCTION

PRE-STAGE

INSTALL 17" CLASS D PATCHES ON INSIDE NB SHOULDER BEFORE ANY OTHER WORK BEGINS.

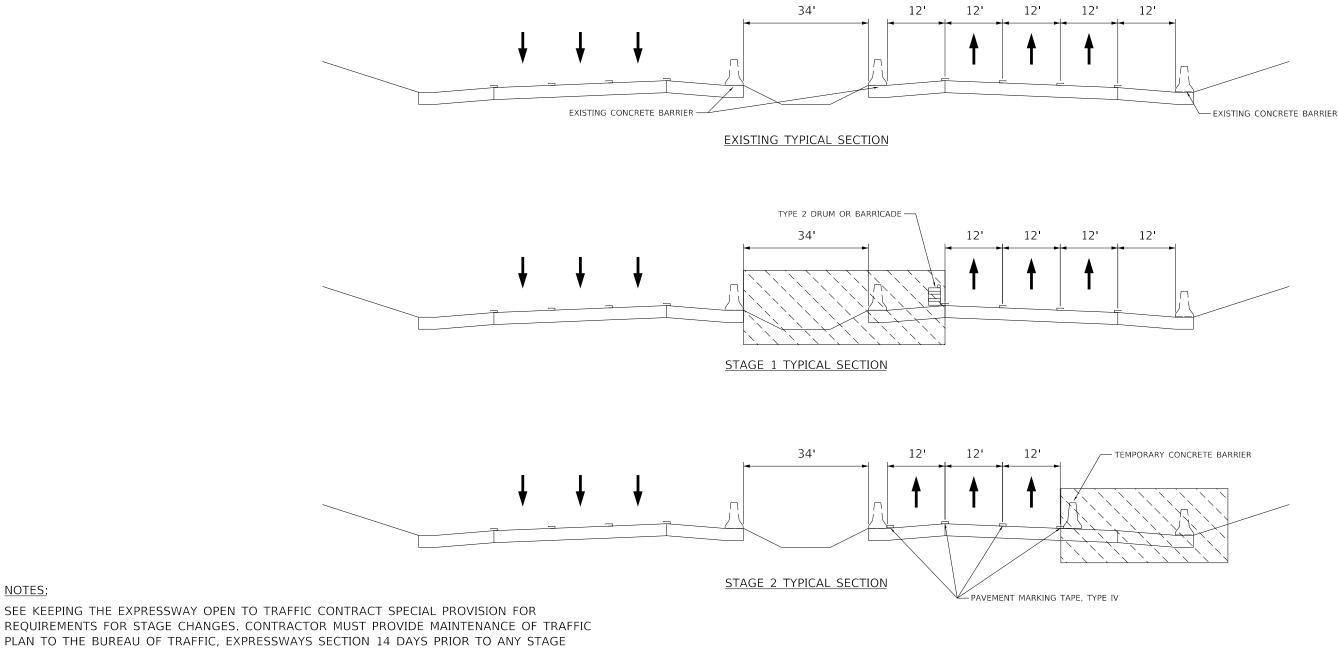
STAGE 1

WORK IN MEDIAN AREA OF I-55 AND PART OF THE NB INSIDE SHOULDER. CLOSE INSIDE NB SHOULDER.

STAGE 2

NOTES:

WORK ON RIGHT SIDE OF NB I-55. CLOSE OUTSIDE RIGHT LANE AND SHIFT TRAFFIC ONTO LEFT SHOULDER TO MAINTAIN 3 LANES OF THROUGH TRAFFIC. REMOVE CONFLICTING EXISTING PAVEMENT MARKING USING PAVEMENT MARKING REMOVAL - WATER BLASTING.



PLAN TO THE BUREAU OF TRAFFIC, EXPRESSWAYS SECTION 14 DAYS PRIOR TO ANY STAGE CHANGES.

USER NAME = rostkowskir	DESIGNED -	RR	REVISED -			LOCATION 2: I–55		F.A.P. BTE	SECTION	COUNTY	TOTAL SHEET			
	DRAWN -	RR	REVISED -	STATE OF ILLINOIS	DRAINAGE IMPROVEMENT (SOUTH SECTION)					VAR	2018-107-T	DUPAGE/COOK	30 11	
PLOT SCALE = 100.0000 / in.	CHECKED -	DW	REVISED -	DEPARTMENT OF TRANSPORTATION	SUGGESTED MAINTENANCE OF TRAFFIC				CONTRACT	NO. 62H40				
PLOT DATE = 12/20/2019	DATE -	12/20/2019	REVISED -		SCALE: NONE	SHEET 1	OF 3	SHEETS	STA	TO STA		ILLINOIS FED.	AID PROJECT	

PROJE	СТ	LIMITS
STA	131	0+00

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<u>  1310+00</u>	L	1315+00	
			<del></del>
			<b></b> +61

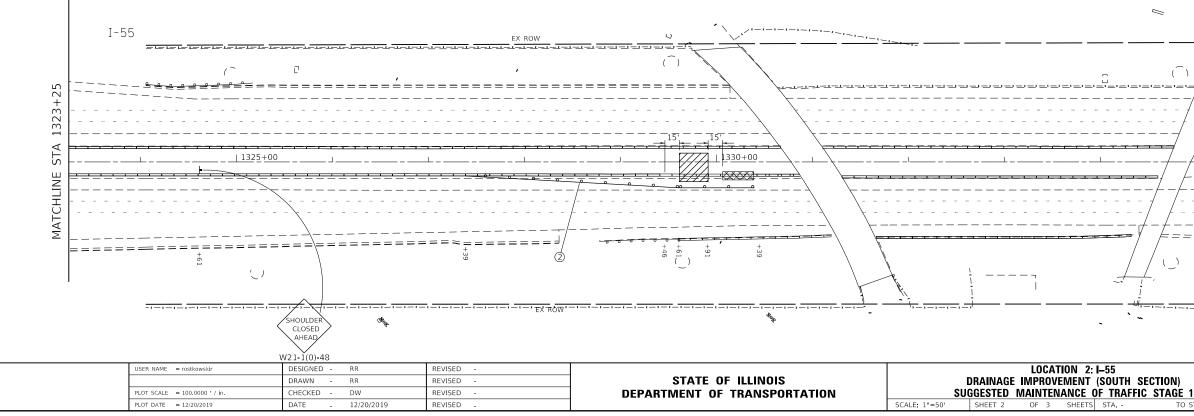
## LEGEND

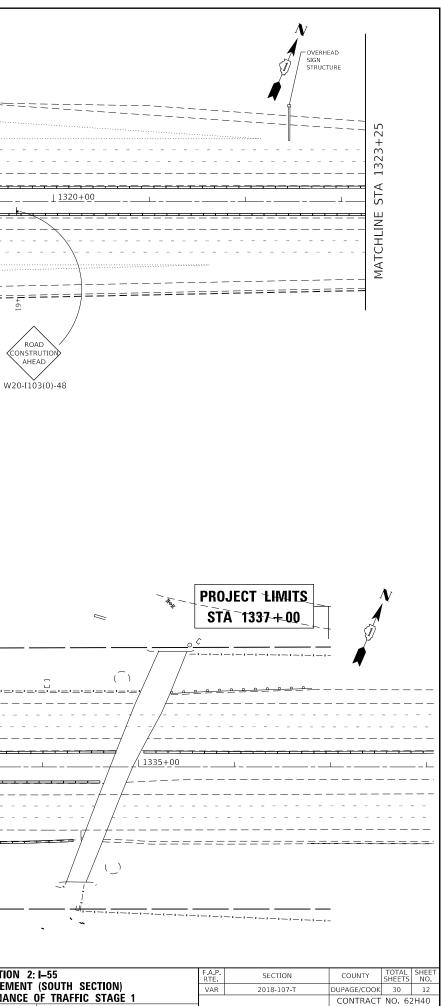
WORK AREA

IMPACT ATTENUATOR, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

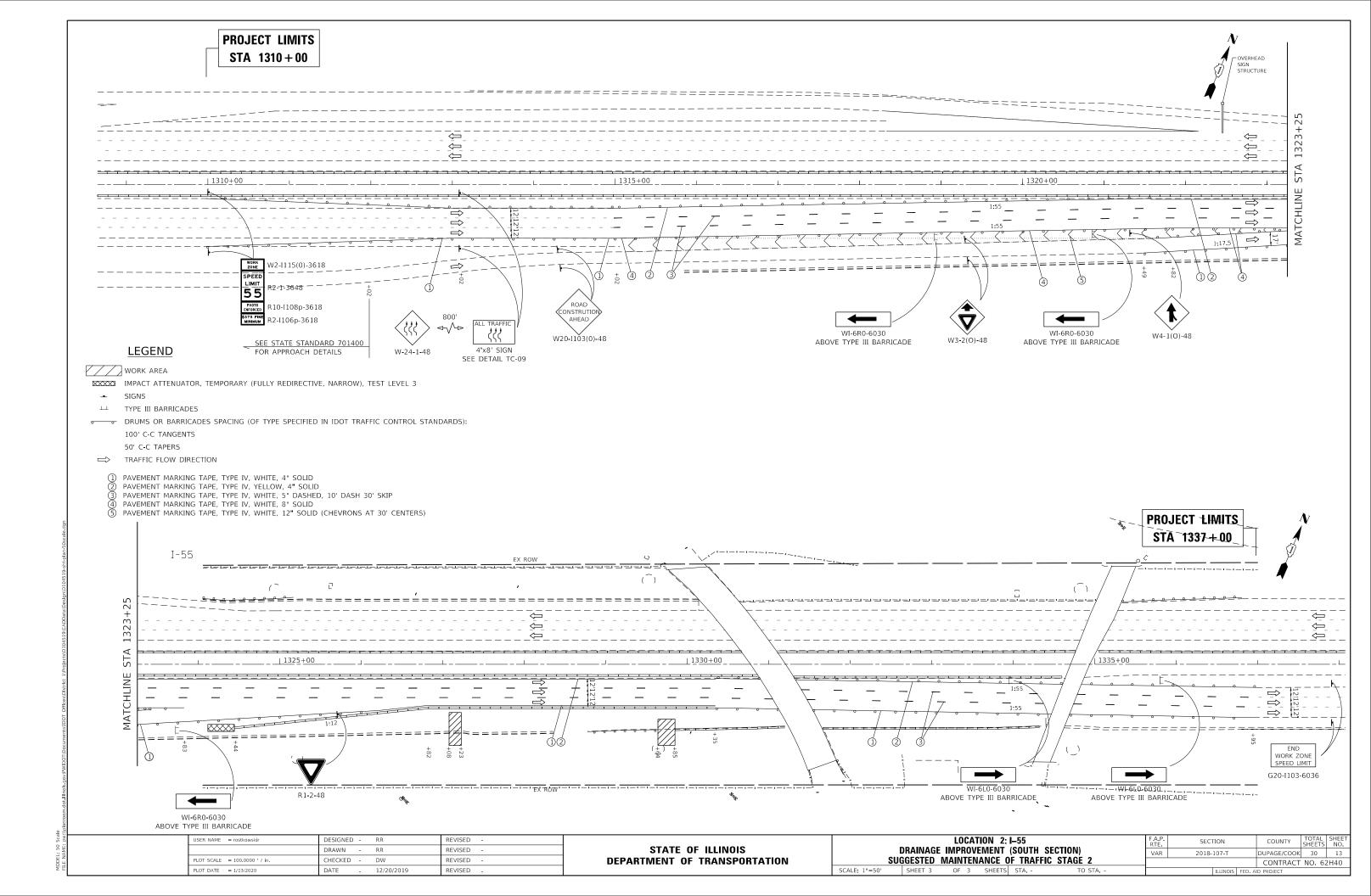
- SIGNS
- LL TYPE III BARRICADES
- • DRUMS OR BARRICADES SPACING (OF TYPE SPECIFIED IN IDOT TRAFFIC CONTROL STANDARDS):
  - 100' C-C TANGENTS 50 C-C TAPERS
- $\implies$  TRAFFIC FLOW DIRECTION

- PAVEMENT MARKING TAPE, TYPE IV, WHITE, 4" SOLID
   PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID
   PAVEMENT MARKING TAPE, TYPE IV, WHITE, 5" DASHED,
   PAVEMENT MARKING TAPE, TYPE IV, WHITE, 8" SOLID
   PAVEMENT MARKING TAPE, TYPE IV, WHITE, 12" SOLID PAVEMENT MARKING TAPE, TYPE IV, WHITE, 5° DASHED, 10' DASH 30' SKIP PAVEMENT MARKING TAPE, TYPE IV, WHITE, 8° SOLID





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SHOULDER RUMBLE STRIP, 16 INCH

#### PAVEMENT MARKING LEGEND

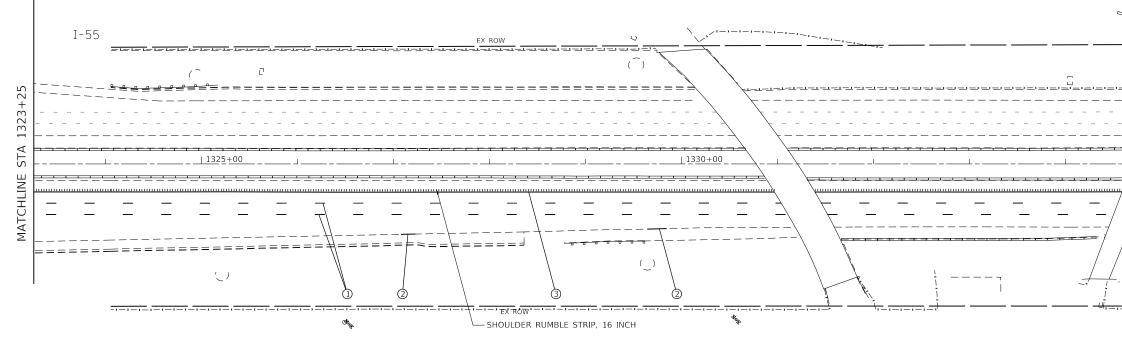
- PREFORMED PLASTIC PAVEMENT MARKING TYPE D INLAID, WHITE, 5" DASHED, 10' DASH 30' SKIP
   MODIFIED URETHANE PAVEMENT MARKING, WHITE, 4" SOLID
   MODIFIED URETHANE PAVEMENT MARKING, YELLOW, 4" SOLID
   MODIFIED URETHANE PAVEMENT MARKING, WHITE, 8" SOLID

- 5 MODIFIED URETHANE PAVEMENT MARKING, WHITE, 12" SOLID

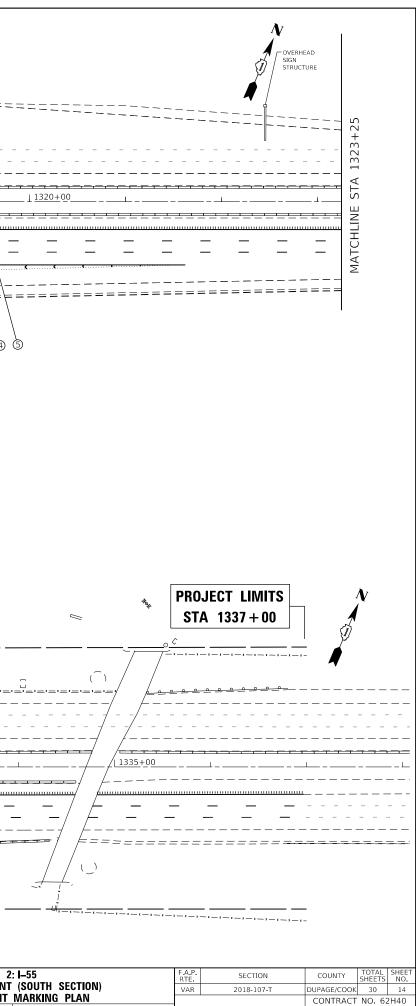
### NOTES:

ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORANCE WITH DISTRICT ONE STANDARD DETAIL TC-12

ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE STANDARD DETAIL TC-12

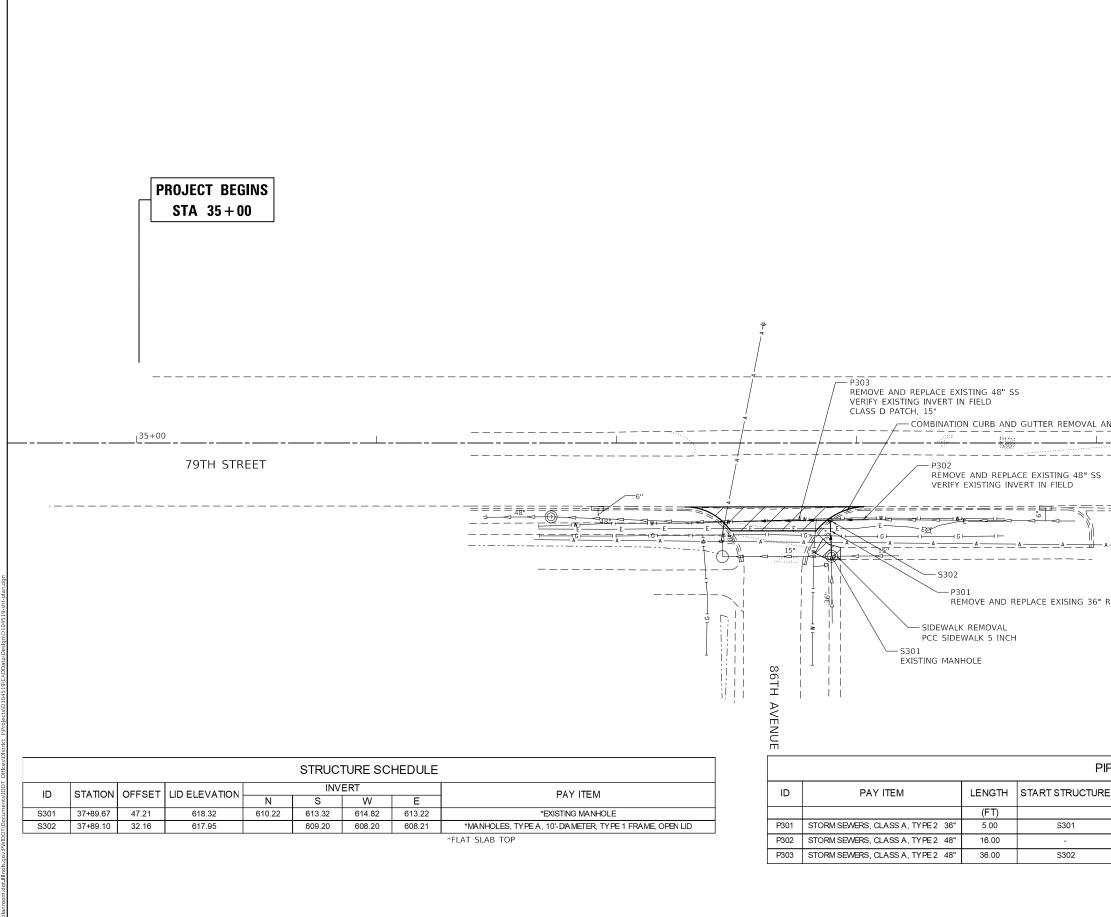


USER NAME = rostkowskir	DESIGNED - RR	REVISED -				LOCAT	<b>FION 2</b> :	I-55
	DRAWN - RR	REVISED -	STATE OF ILLINOIS		DRAINAGE	IMPROVI	EMENT	(SOUTH
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW	REVISED -	DEPARTMENT OF TRANSPORTATION		PROPOSI	ED PAVE	MENT	MARKIN
PLOT DATE = 1/13/2020	DATE - 12/20/201	9 REVISED -		SCALE: 1"=50'	SHEET 1	OF 1	SHEETS	STA



**JULINOIS** 

TO STA.

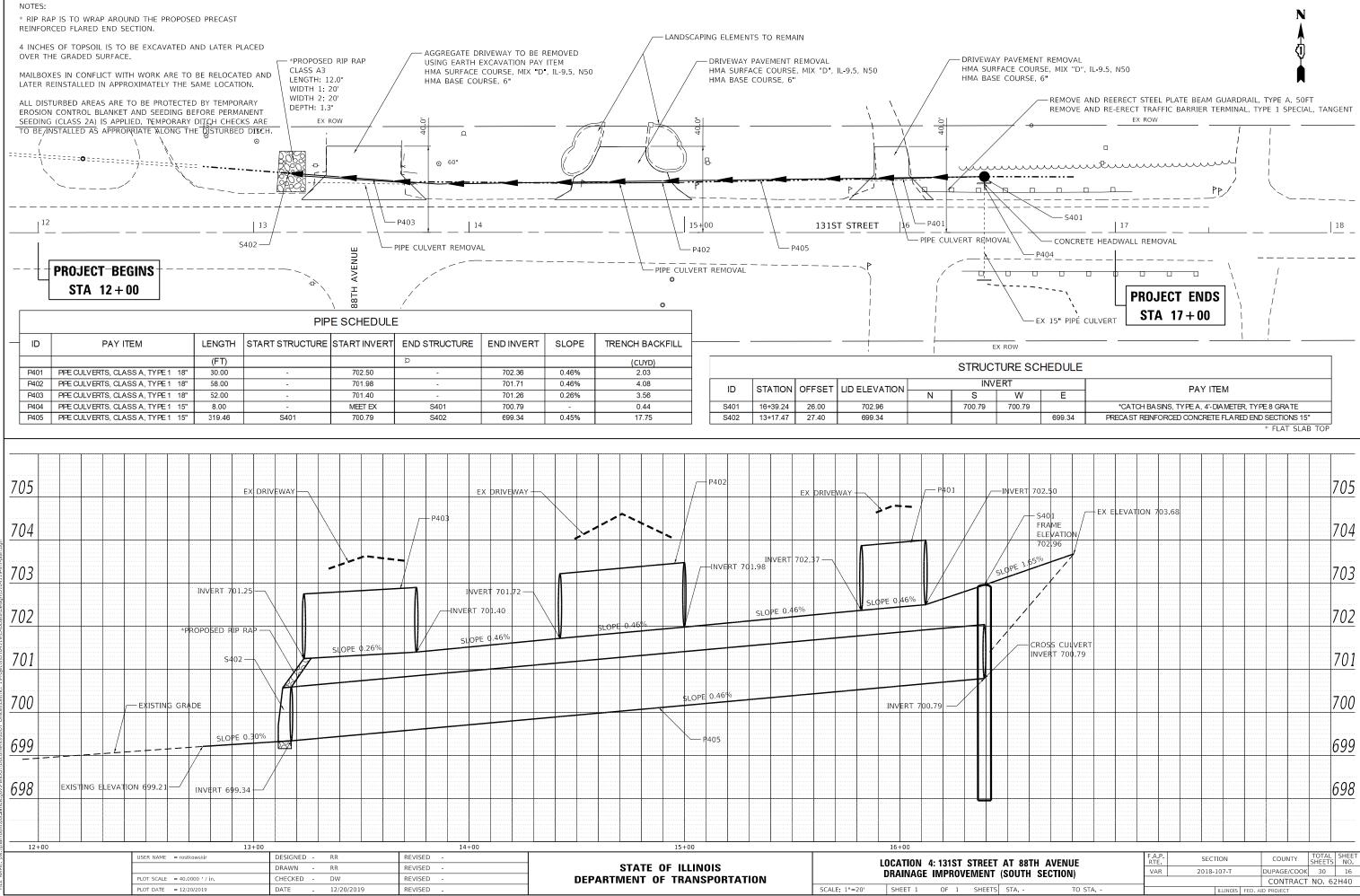


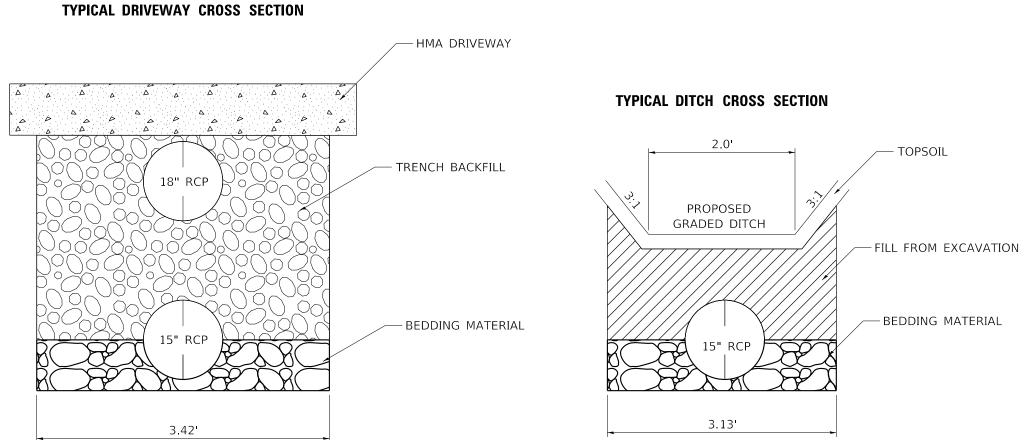
USER NAME = rostkowskir	DESIGNED -	RR	REVISED -		í .	OCATION 3	: 79TH :	STREE
	DRAWN -	RR	REVISED -	STATE OF ILLINOIS		DRAINAGE I		
PLOT SCALE = 40.0000 / in.	CHECKED -	DW	REVISED -	DEPARTMENT OF TRANSPORTATION	L	UNAINAGE I		EIVIEN
PLOT DATE = 12/20/2019	DATE -	12/20/2019	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1	SHEET

DDEL: 20

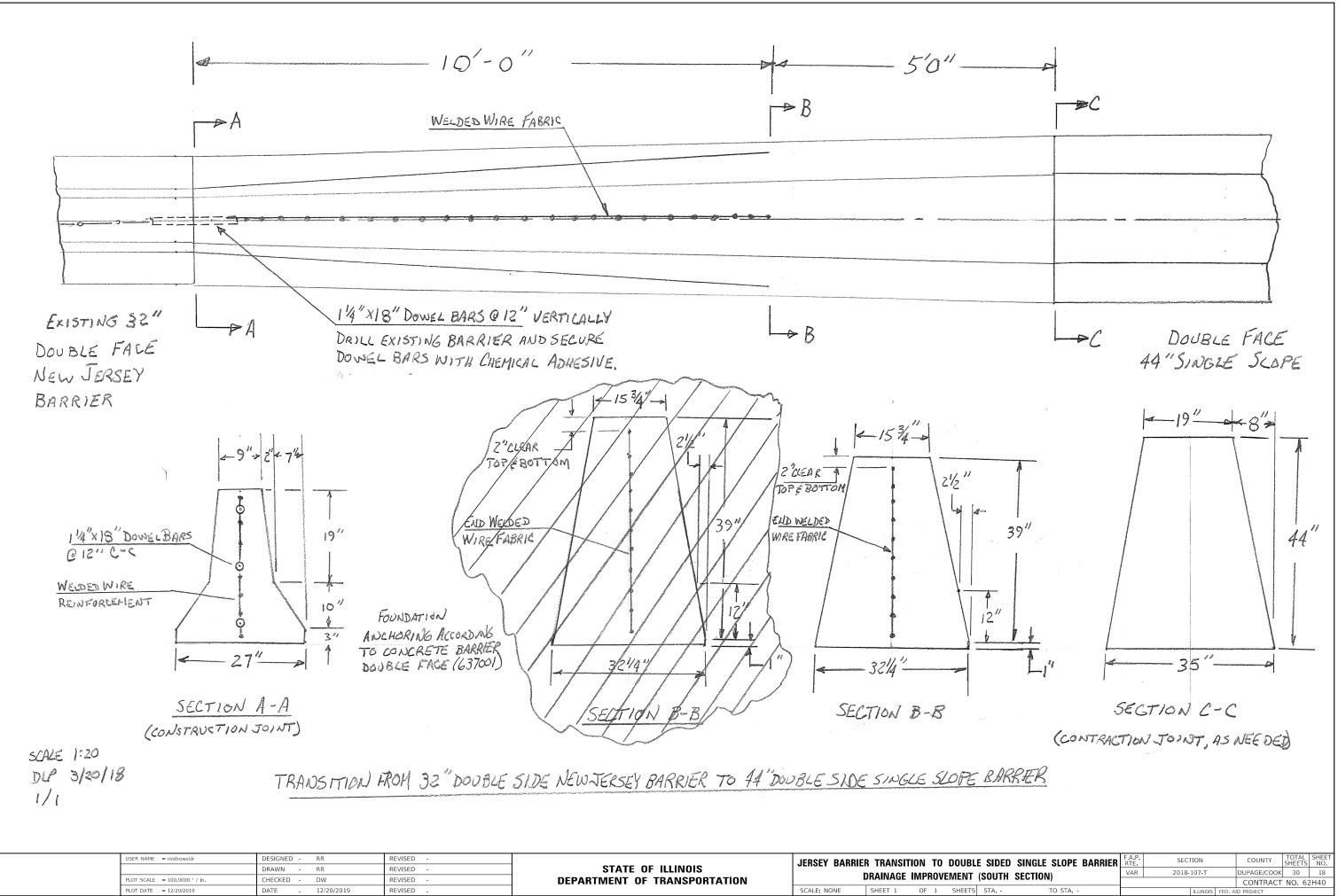
		PROJECT STA 40			
VAL AN	D REPLACEMENT		140+	⊦00	
3" SS					
6 36" R(	<u>CP</u>				
PIP	ESCHEDULE				
	START INVERT	END STRUCTURE	END INVERT	SLOPE	TRENCH BACKFILL
	610.22	S302	609.20	6.80%	(CUYD) 6.13
	MEET EX	\$302 \$302	608.21	-	25.06
	608.20	-	MEET EX	-	56.49
	AT 00TH 41-		F.A.P. SEC	CTION	COUNTY TOTAL SHEET SHEETS NO.
SI KEET EMENT	AT 86TH AVE	ON)		3-107-T	DUPAGE/COOK 30 15

					CONTRACT NO. 62H40
SHEETS	STA	TO STA	ILLINOIS FED. AID PROJECT		

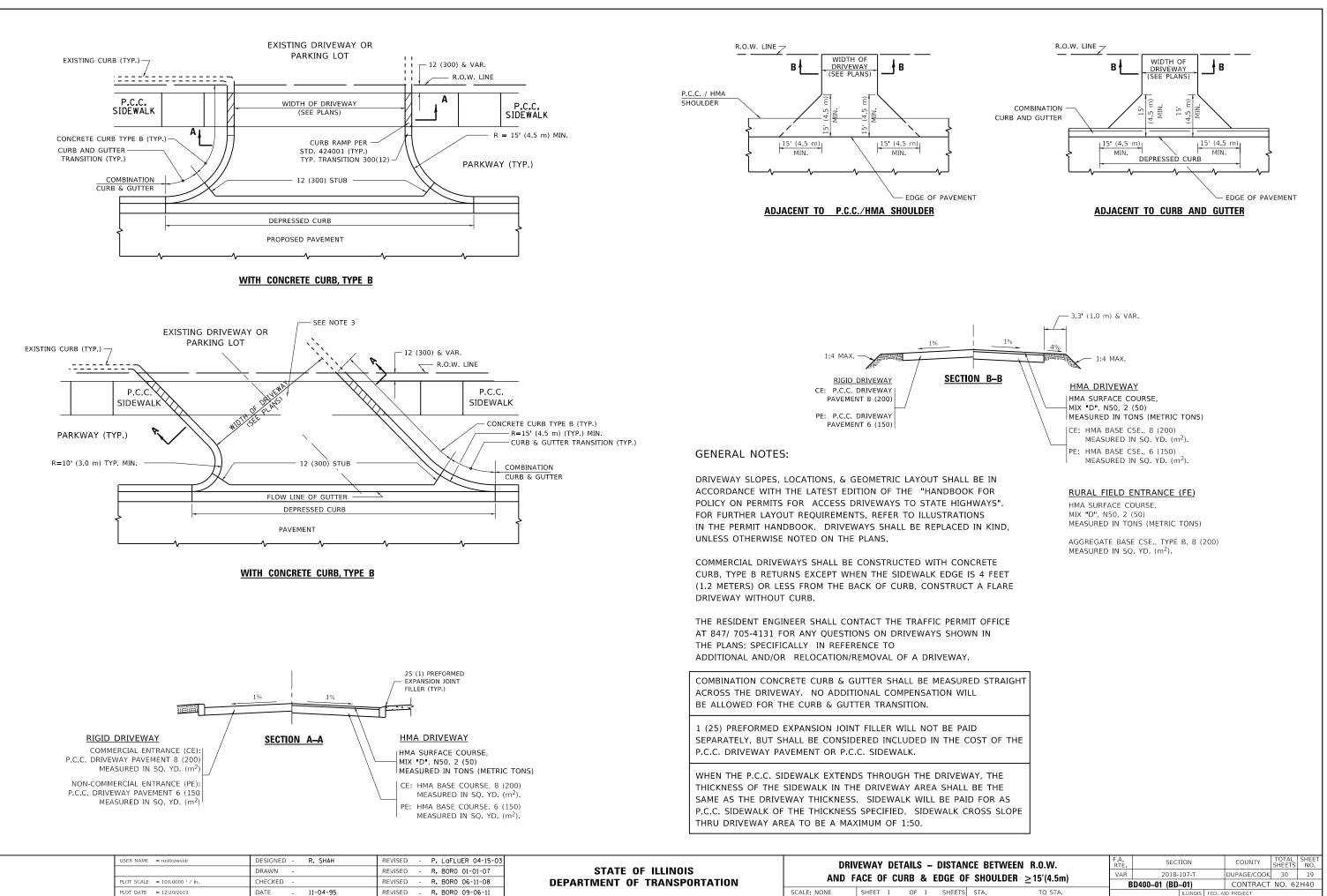


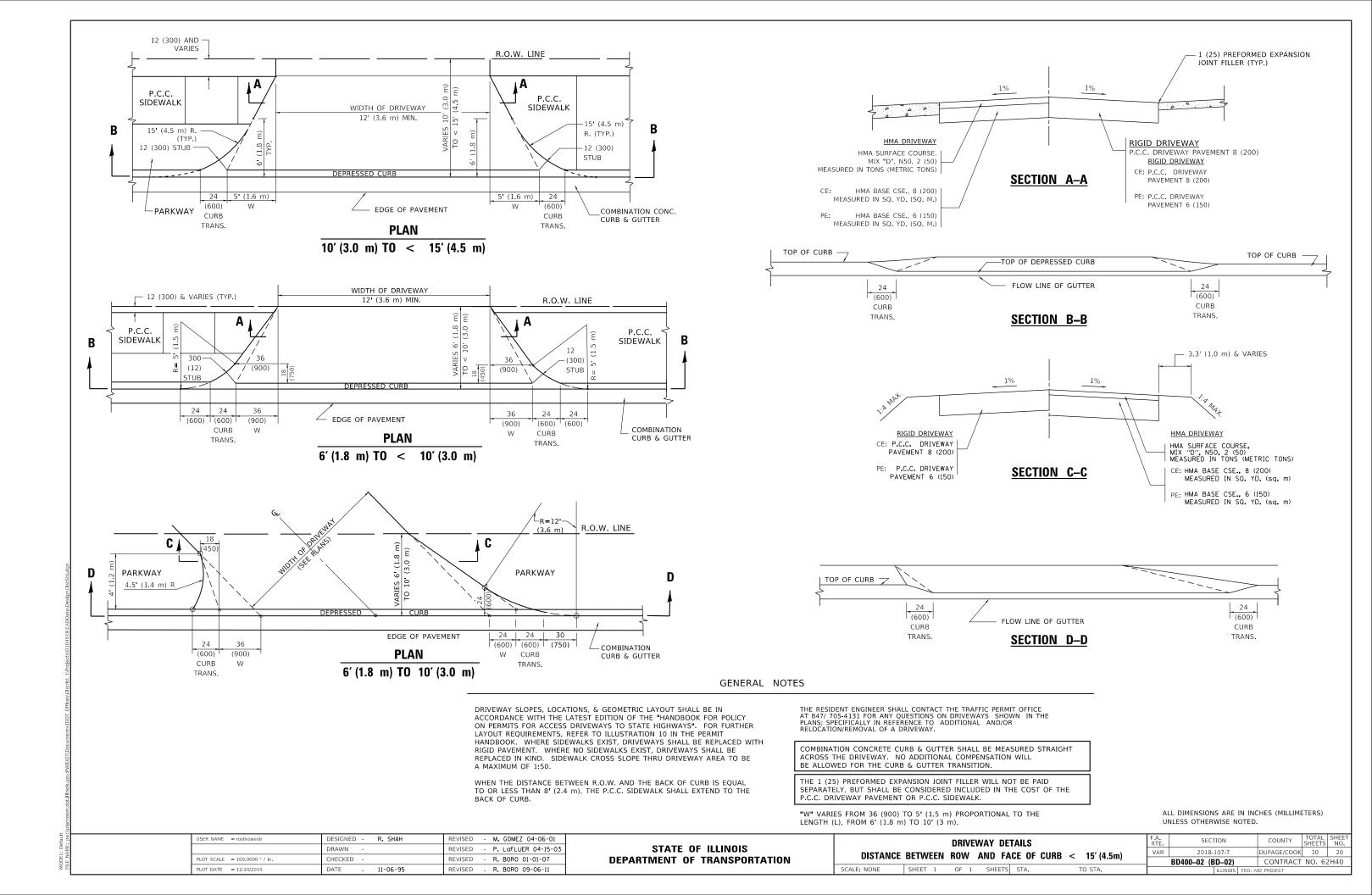


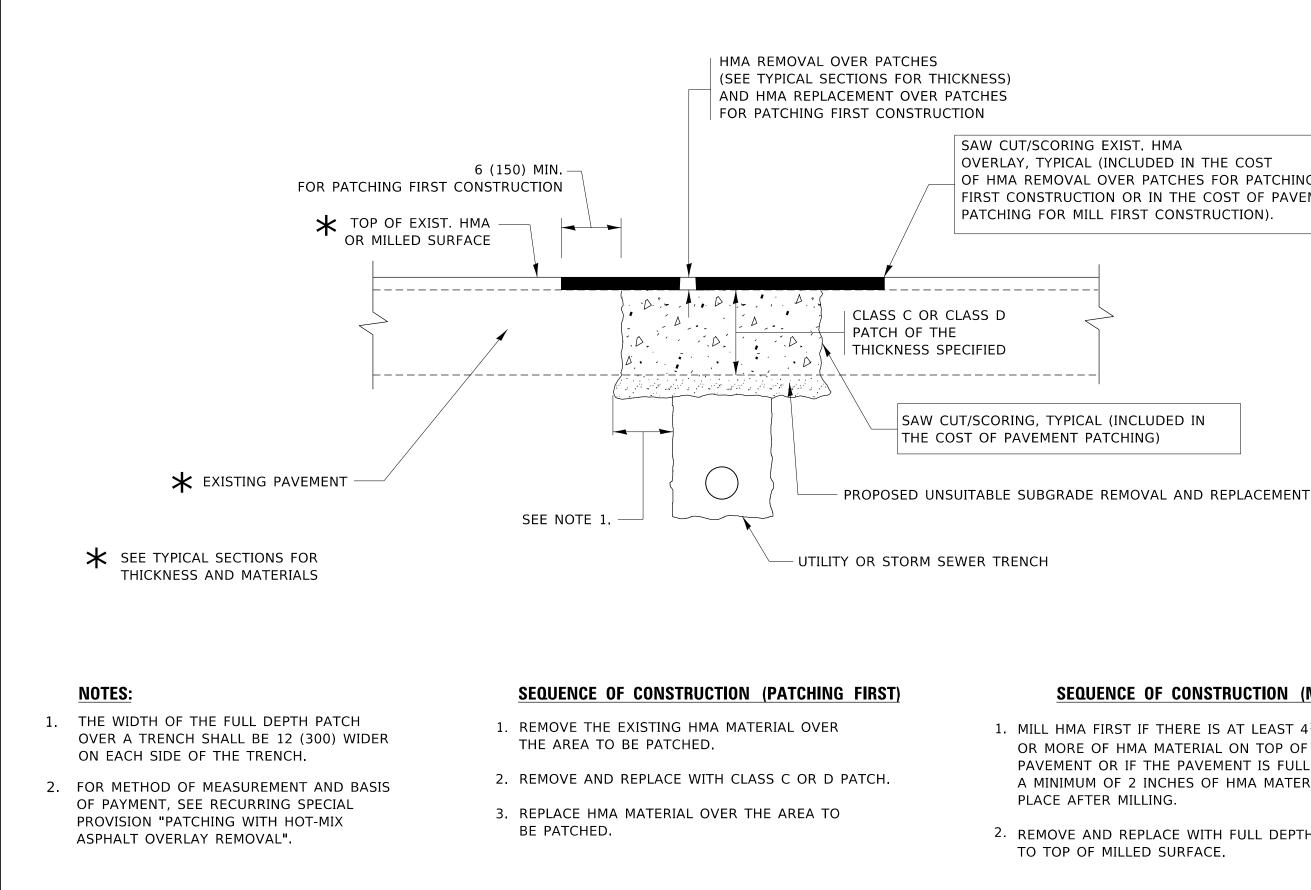
USER NAME = rostkowskir	DESIGNED - RR	REVISED -		1	OCATION 4: 131ST STREET AT 88TH AVENUE	F.A.P. RTE	SECTION	COUNTY TOTAL SHEET SHEETS NO.
	DRAWN - RR	REVISED -	STATE OF ILLINOIS		DRAINAGE IMPROVEMENT (SOUTH SECTION)	VAR	2018-107-T	DUPAGE/COOK 30 17
PLOT SCALE = 40.0000 / in	CHECKED - DW	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRACT NO 62H40
PLOT DATE = 12/20/2019	DATE - 12/20/2019	REVISED -		SCALE: NONE	SHEET 2 OF 2 SHEETS STA TO STA		ILLINOIS FEE	). AID PROJECT



USER NAME = rostkowskir	DESIGNED - RR		REVISED -	STATE OF ILLINOIS	JERSEY BARRIER	R TRANSITI		DOUBLE
	DRAWN - RR		REVISED -		DRAINAGE IMPROVEMENT (S			
PLOT SCALE = 100.0000 ' / in.	CHECKED - DW		REVISED -	DEPARTMENT OF TRANSPORTATION	L	DRAINAGE I	IMPROVE	IVIENI (
PLOT DATE = 12/20/2019	DATE - 12/2	20/2019	REVISED -		SCALE: NONE	SHEET 1	OF 1	SHEETS







_	USER NAME = rostkowskir	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98		PAVEMENT PATCHING FOR	F.A. SECTION	COUNTY TOTAL SHEET
_		DRAWN -	REVISED - R BORO 01-01-07	STATE OF ILLINOIS	HMA SURFACED PAVEMENT	VAR 2018-107-T	DUPAGE/COOK 30 21
	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED - R. BORO 09-04-07	DEPARTMENT OF TRANSPORTATION		BD400–04 (BD–22)	CONTRACT NO. 62H40
	PLOT DATE = 12/20/2019	DATE - 10-25-94	REVISED K. ENG 10-27-08		SCALE NONE SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS F	ED. AID PROJECT

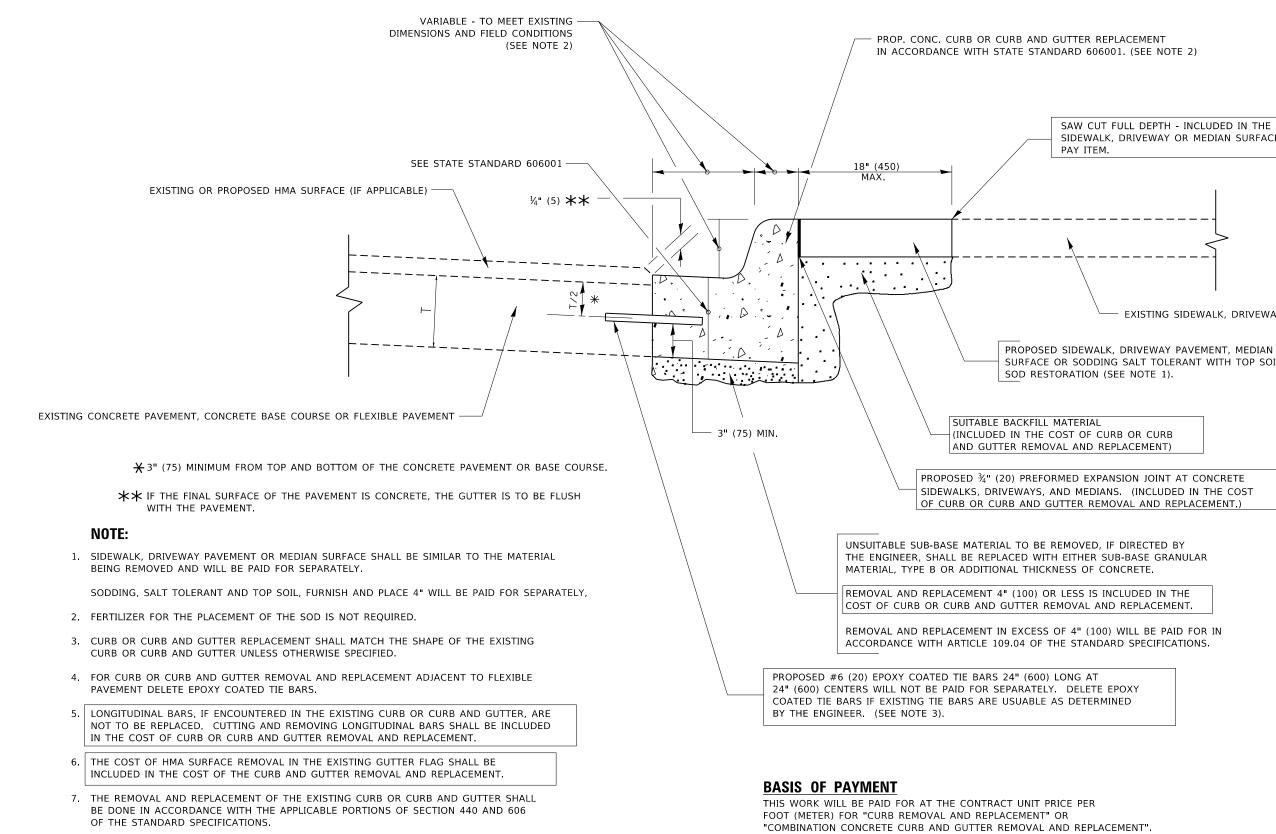
OVERLAY, TYPICAL (INCLUDED IN THE COST OF HMA REMOVAL OVER PATCHES FOR PATCHING FIRST CONSTRUCTION OR IN THE COST OF PAVEMENT PATCHING FOR MILL FIRST CONSTRUCTION).

# **SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST  $4\frac{1}{2}$  INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN

2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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



8. THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

USER NAME = rostkowskir	DESIGNED - A HOUSEH	REVISED - R SHAH 10-03-96			CURB OR CURB AND GUTTER	F.A. SECTION	COUNTY TOTAL SHEET
	DRAWN -	REVISED - A ABBAS 03-21-97	STATE OF ILLINOIS	RANSPORTATION REMOVAL AND REPLACEMENT		VAR 2018-107-T	DUPAGE/COOK 30 22
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED M. GOMEZ 01-22-01	DEPARTMENT OF TRANSPORTATION			BD600-06 (BD-24)	CONTRACT NO. 62H40
PLOT DATE = 12/20/2019	DATE - 03-11-94	REVISED - R. BORO 12-15-09		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FEE	D. AID PROJECT

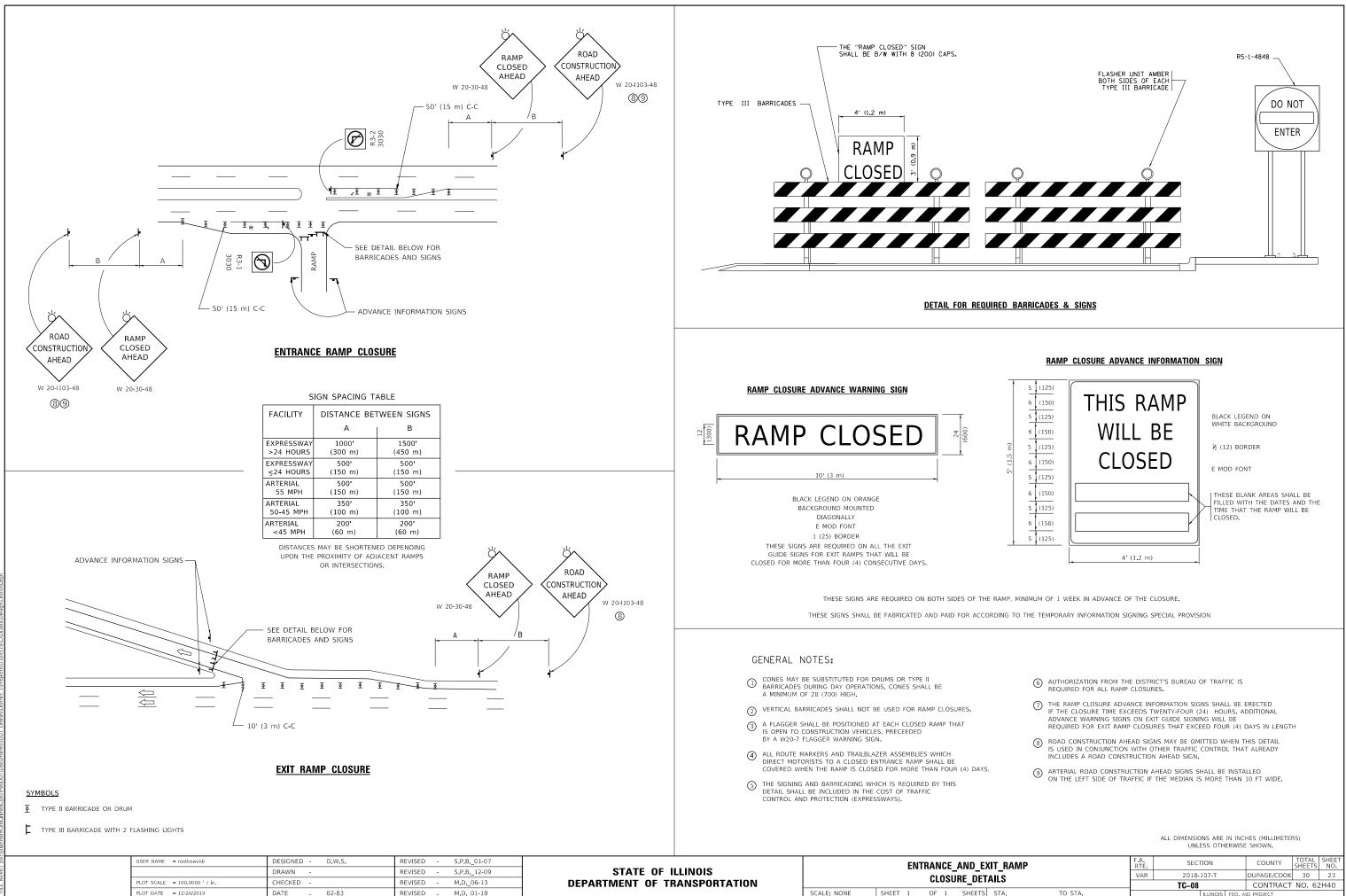
SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL

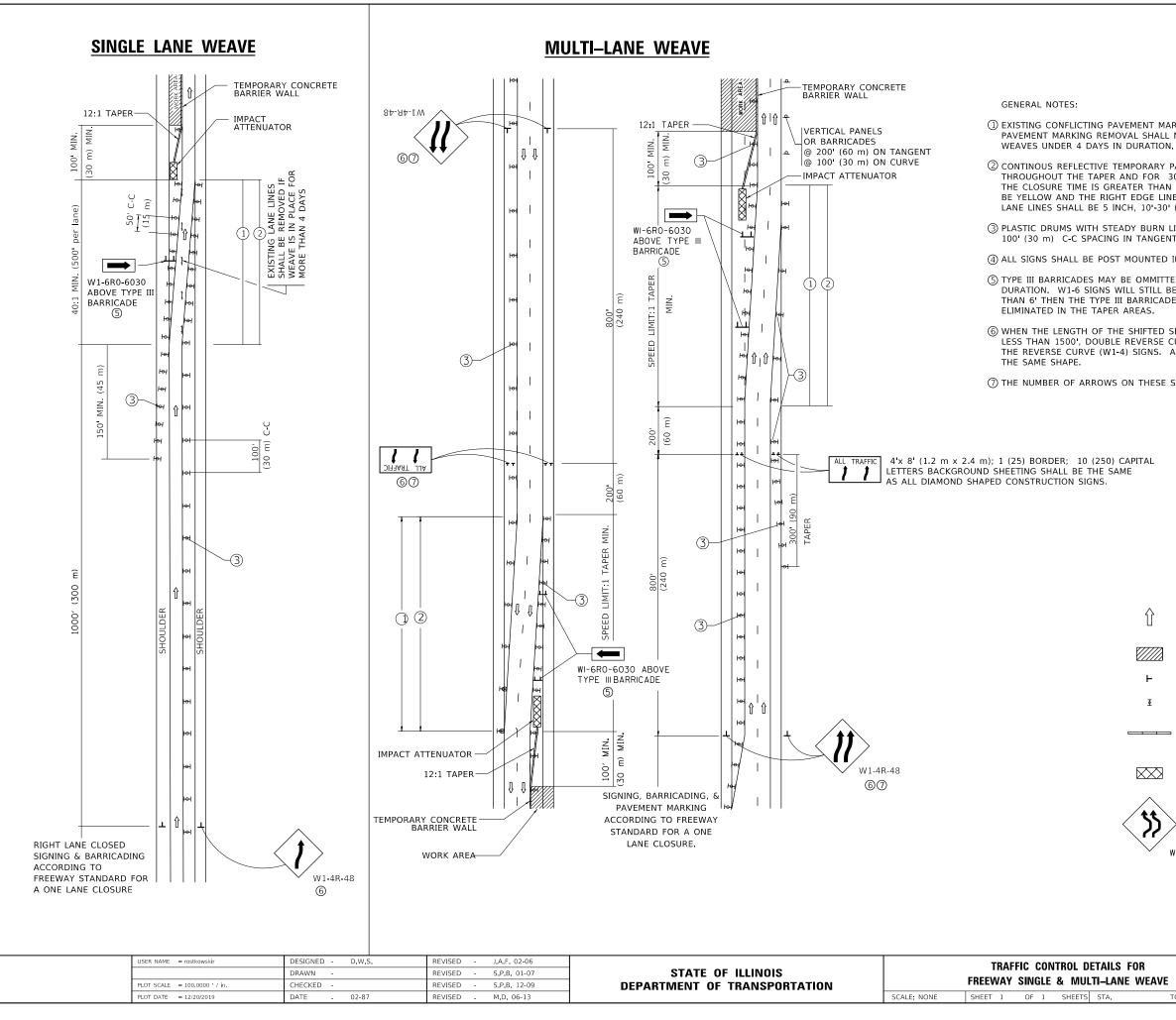
EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100)



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





① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE

② CONTINOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.

③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.

(4) ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.

(5) TYPE III BARRICADES MAY BE OMMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE

(6) WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE

(7) THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

#### <u>SYMBOLS</u>

DIRECTION OF TRAFFIC

WORK AREA

- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL ₫ STEADY BURNING LIGHT

TEMPORARY CONCRETE BARRIER WALL

 $\mathbb{X}$ 

IMPACT ATTENUATOR

W24-1-48

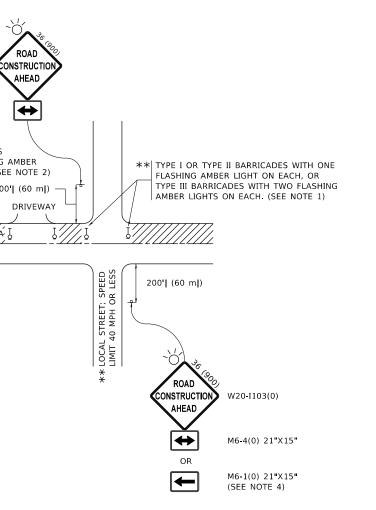
7

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

DETAILS FOR ULTI–LANE WEAVE		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		VAR	2018-107-T	DUPAGE/COOK	30	24			
ULTI-LAINE WEAVE			_	TC-09	CONTRACT	NO. 62	2H40		
TS	STA.	TO STA.		ILLINOIS FED. AID PROJECT					

	Image: space
	NOTES:
	<ol> <li>SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:</li> </ol>
	<ul> <li>a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.</li> </ul>
	b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROCK CECTION OF THE CLOSED PORTION.
	THE CROSS SECTION OF THE CLOSED PORTION. 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
	a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
	THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
	<ol> <li>CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.</li> </ol>
	WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE 4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
TATE OF ILI	BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

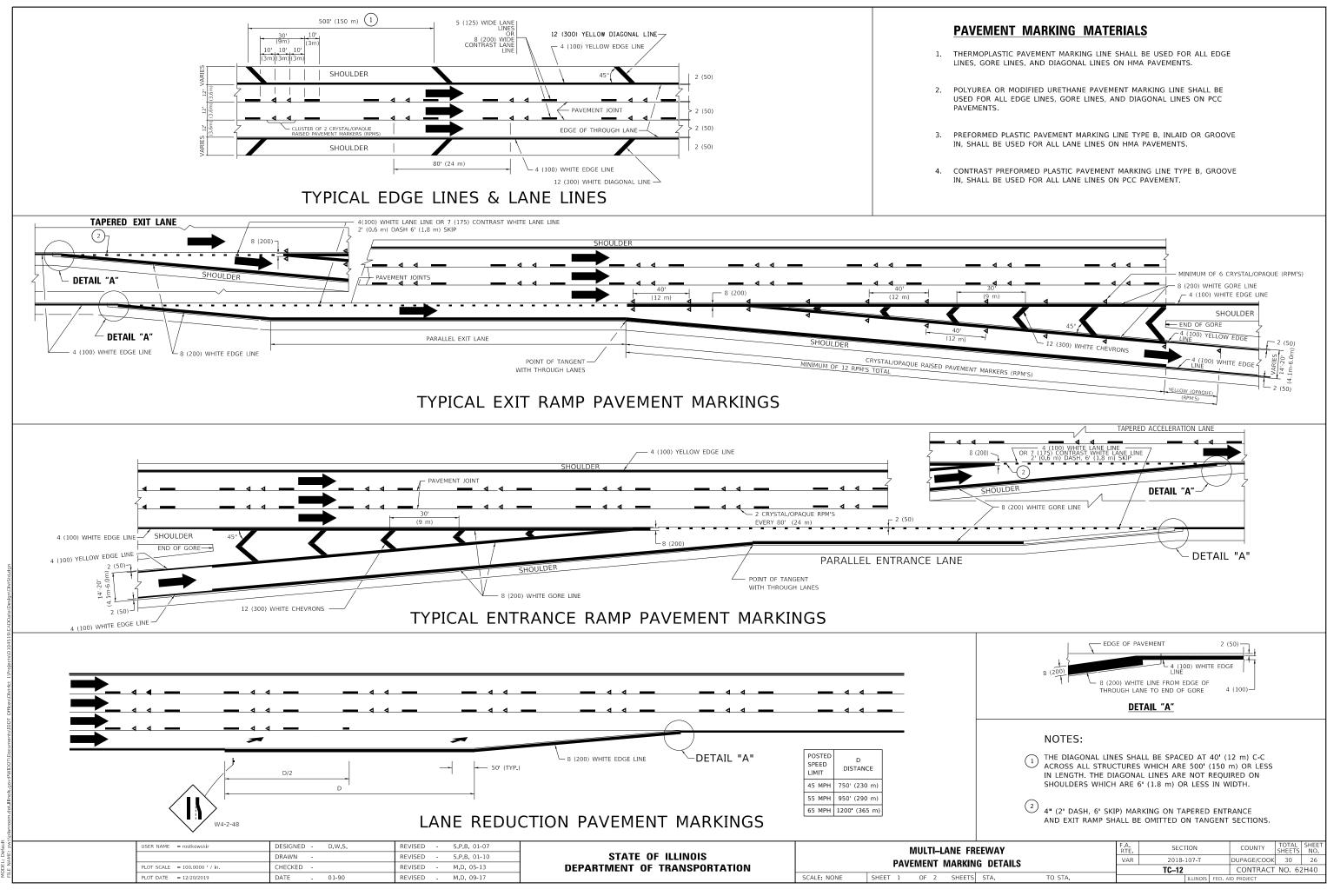
USER NAME = rostkowskir	DESIGNED L.H.A.	REVISED - A. HOUSEH 10-15-96		TRAFFIC CONTROL AND PROTECTION FOR	F.A. BTE	SECTION	COUNTY TOTAL SHEET
	DRAWN -	REVISED T. RAMMACHER 01-06-00	STATE OF ILLINOIS	SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		2018-107-T	DUPAGE/COOK 30 25
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	DEPARTMENT OF TRANSPORTATION			TC-10	CONTRACT NO. 62H40
PLOT DATE = 12/20/2019	DATE - 06-89	REVISED _ A. SCHUETZE 09-15-16		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FEE	). AID PROJECT

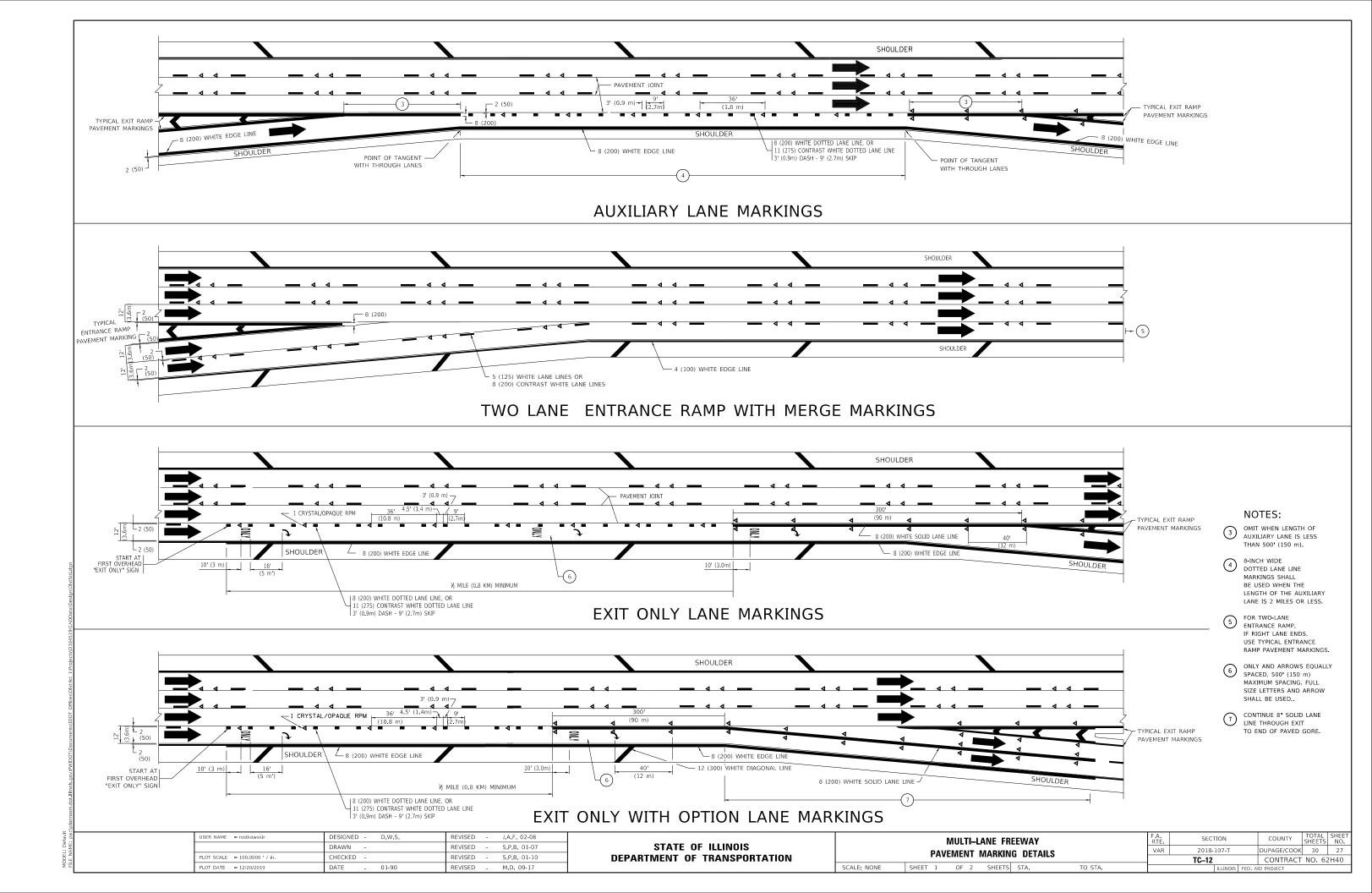


5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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





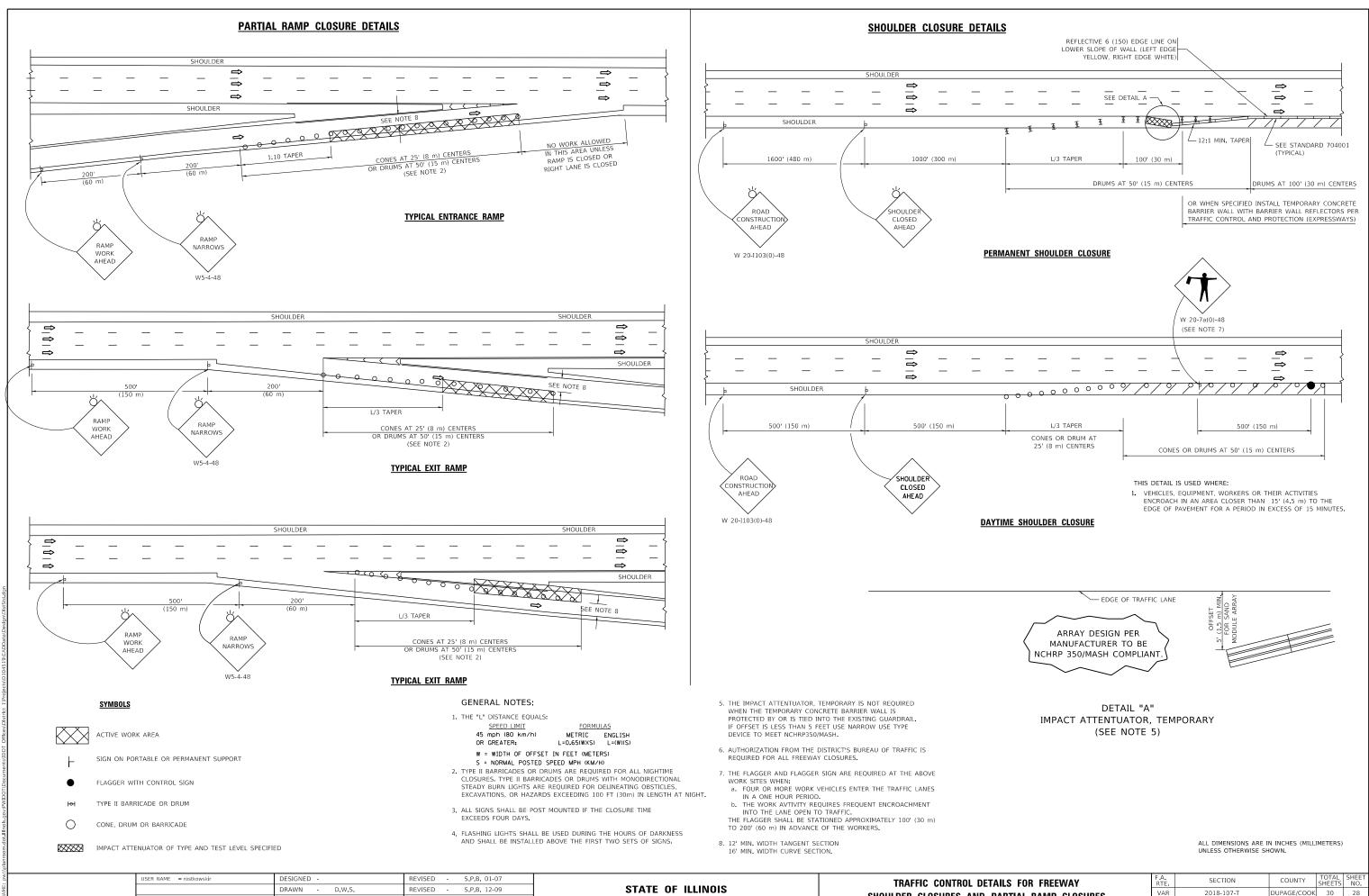
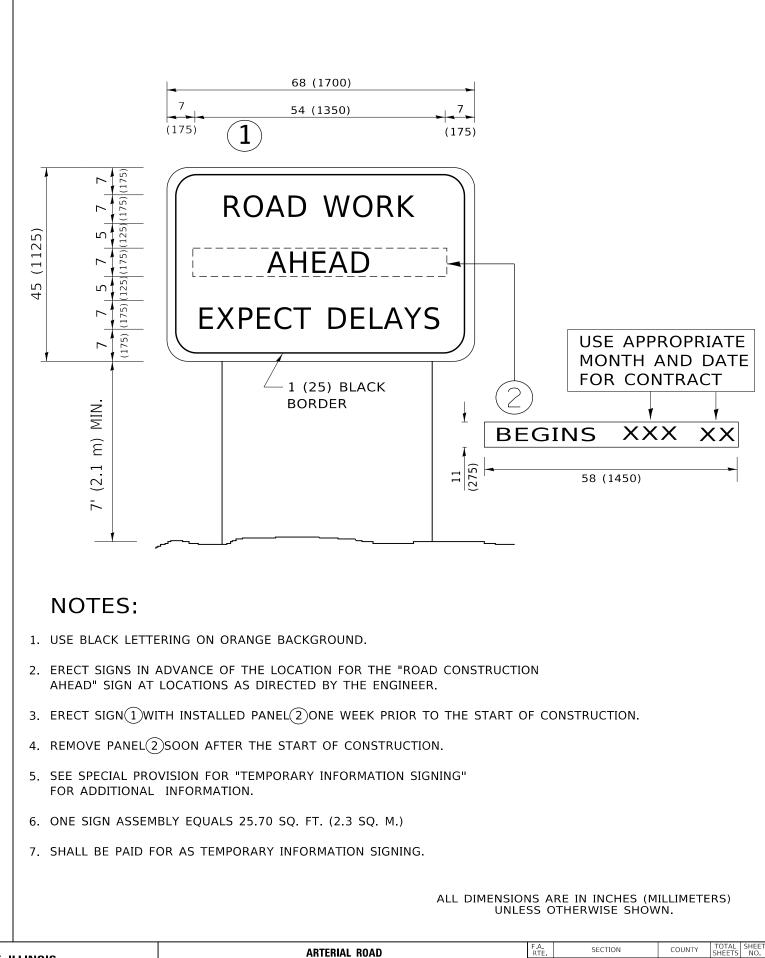


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STA. TO STA.

 2018-107-T
 DUPAGE/COOK
 30
 28

 TC-17
 CONTRACT NO. 62H40



USER NAME = rostkowskir	DESIGNED -	REVISED - R. MIRS 09-15-97			
	DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS		
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION		
PLOT DATE = 12/20/2019	DATE -	REVISED C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1

ARTERIAL F	OAD		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
INFORMATION SIGN				2018-107-T	DUPAGE/COOK	30	29	
				TC-22	CONTRACT	NO. 62	2H40	
OF 1 SHEET	S STA.	TO STA.	ILLINOIS FED. AID PROJECT					

# **BLANK SHEET**

USER NAME = rostkowskir	DESIGNED - RR	REVISED -			BLANK SHEET		F.A.P.	SECTION	COUNTY TO	TAL SHEET
	DRAWN - RR	REVISED -	STATE OF ILLINOIS		DRAINAGE IMPROVEMENT (SOUTH SECTION)		VAR	2018-107-T	DUPAGE/COOK 3	30 30
PLOT SCALE = 100.0000 / in.	CHECKED - DW	REVISED -	DEPARTMENT OF TRANSPORTATION	DRAINAGE IMPROVEMENT (SOUTH SECTION)		UN)			CONTRACT NO	O. 62H40
PLOT DATE = 1/10/2020	DATE - 12/20/2019	REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA TO STA				ILLINOIS FED.	AID PROJECT	