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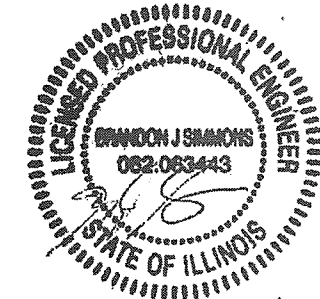
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
GRADE CROSSING PROTECTION FUND

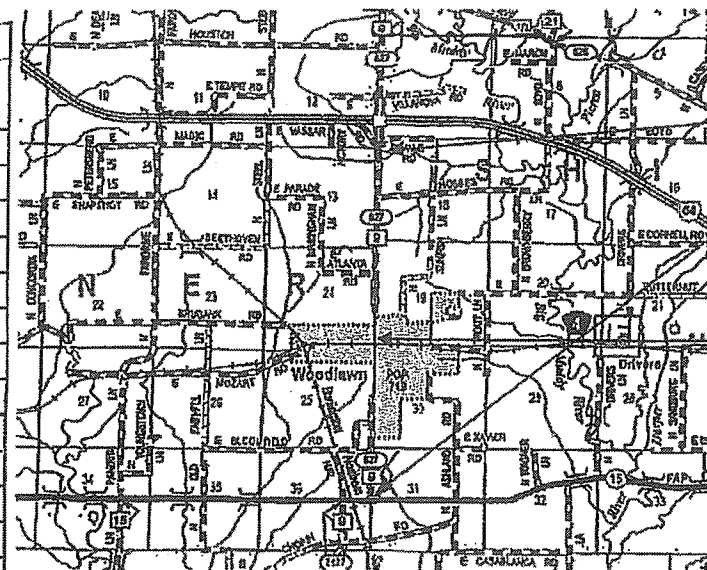
CH 9 - WOODLAWN ROAD
SECTION 15-00213-00-RS
JEFFERSON COUNTY
SRLI (169)

ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
FAS 827 / CH 9	15-00213-00-RS	JEFFERSON	6	1

Contract 99578



SUMMARY OF QUANTITIES			
	PAY ITEM	UNIT OF MEASURE	QUANTITY
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON 425
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND 26000
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON 1900
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD 675
	40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON 4550
	42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT 120
	42400800	DETECTABLE WARNINGS	SQ FT 24
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD 6200
	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD 41
	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD 188
	48101200	AGGREGATE SHOULDERS, TYPE B	TON 800
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD 25
	67100100	MOBILIZATION	LSUM 1
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM 1
	70300100	SHORT-TERM PAVEMENT MARKING	FOOT 3621
	70300150	SHORT-TERM PAVEMENT MARKING REMOVAL	SQ FT 604
△	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT 54126
△	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT 126
	X0325299	INLET MODIFICATION	EACH 1
	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT 15225



PROJECT BEGINS
STATION 0+00

PROJECT ENDS
STATION 180+75

OMISSION
STATION 100+46
TO STATION 101+15

FUNCTIONAL CLASSIFICATION: LOCAL ROAD
DESIGN SPEED = 55MPH

APPROVED
February 21, 2018

[Signature]
COUNTY ENGINEER
JEFFERSON COUNTY HIGHWAY DEPARTMENT
750 OLD FAIRFIELD ROAD
MT. VERNON, IL 62864
PH: (618) 244-8031
LICENCE EXP. 11-30-2019

APPROVED
2/21, 2018

[Signature]
DISTRICT 9 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED OF LIMITED REVIEW
Jeffrey L. Keirn, 2/21/2018

JEFFREY L. KEIRN, P.E.
DEPUTY DIRECTOR OF HIGHWAYS
REGION 5 ENGINEER
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

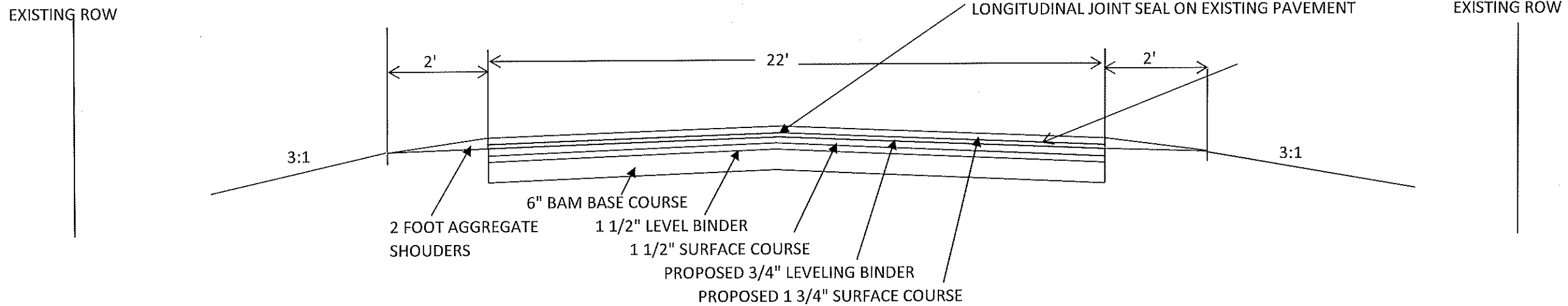
△ SPECIALTY ITEMS

TOTAL SECTION LENGTH = 18,107' = 3.429 MILES
OMISSION = 69'

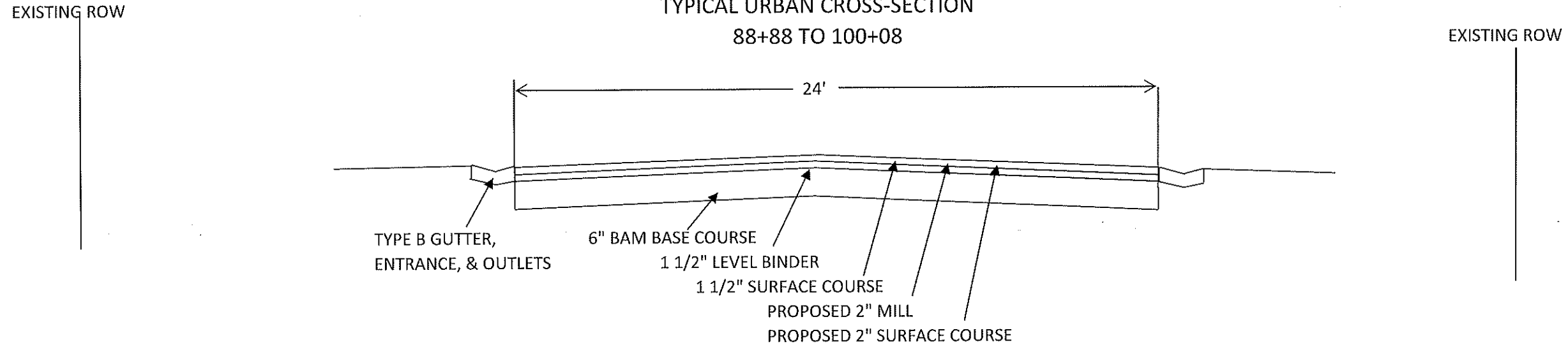
ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
FAS 827 / CH 9	15-00213-00-RS	JEFFERSON	6	2

Contract 99598

TYPICAL CROSS-SECTION
00+00 TO 88+88

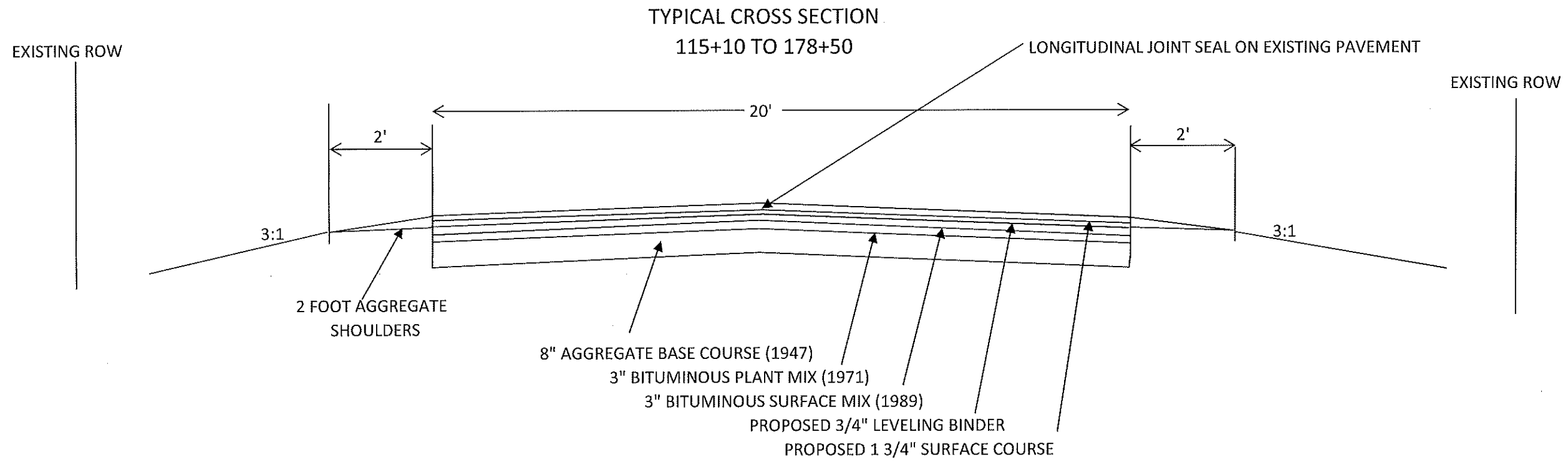
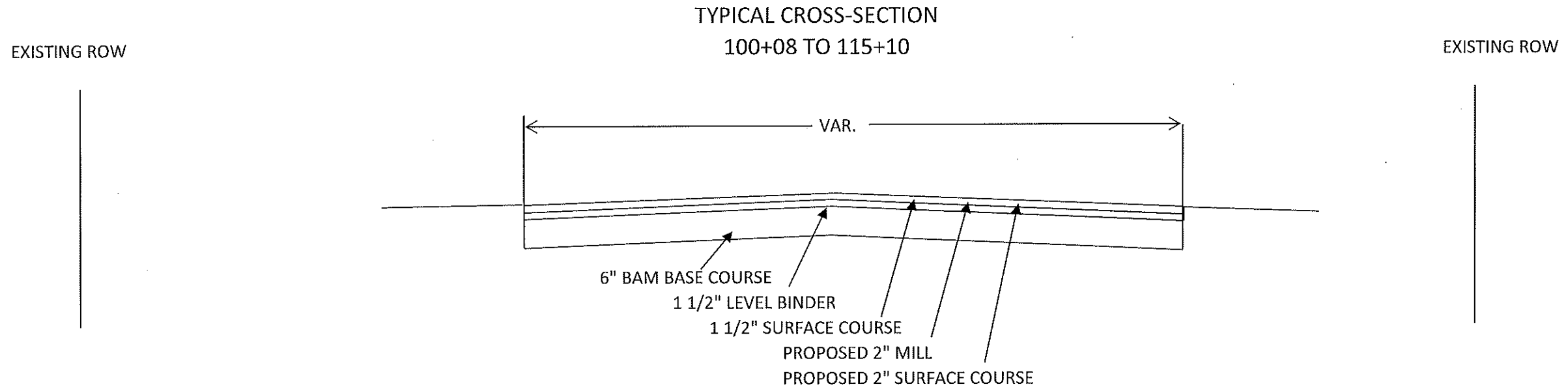


TYPICAL URBAN CROSS-SECTION
88+88 TO 100+08



ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
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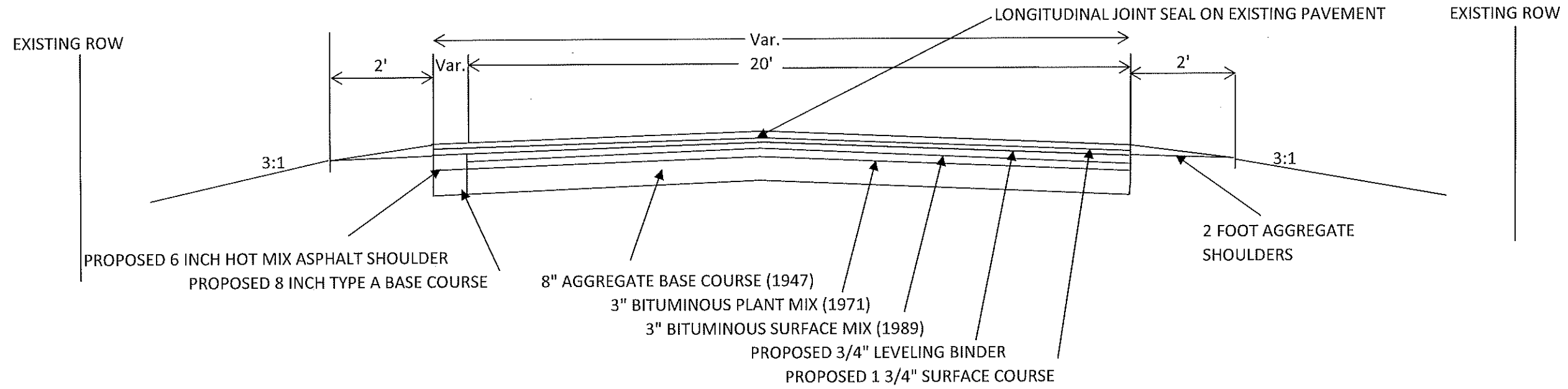
Contract 99598



ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
FAS 827 / CH 9	15-00213-00-RS	JEFFERSON	6	4

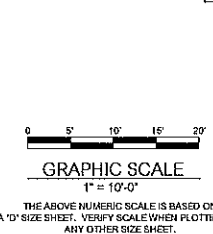
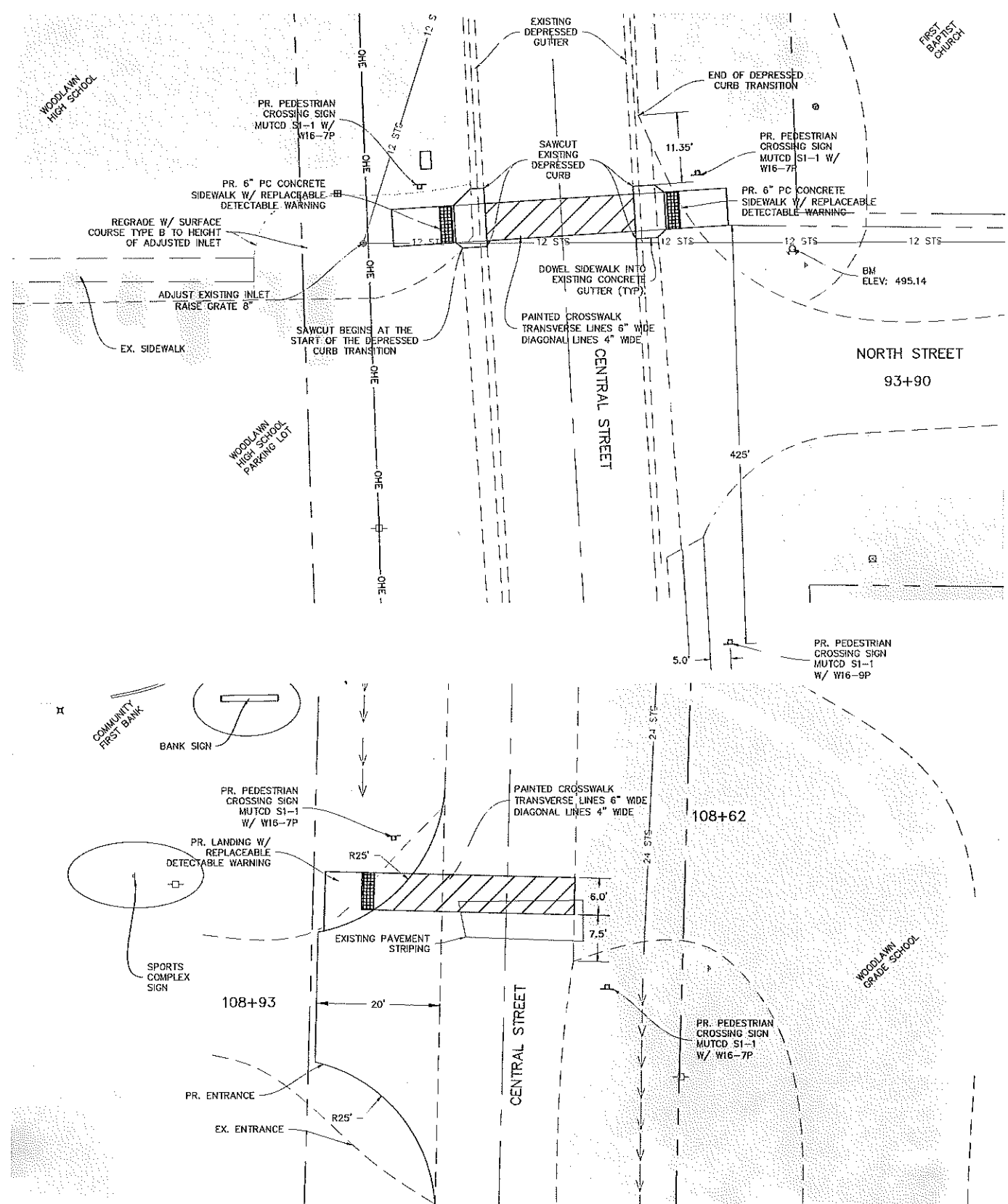
Contract 99598

TYPICAL CROSS SECTION
178+50 TO 180+75

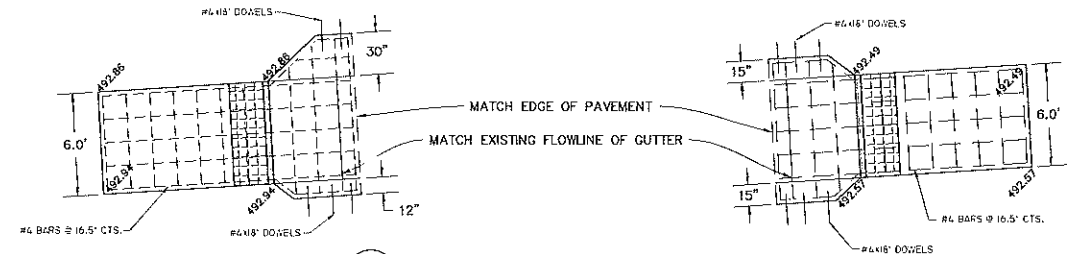


ROUTE	SECTION	COUNTY	TOT. SHTS	SHEET
FAS 827/CH9	15-00213-00-RS	JEFFERSON	6	5

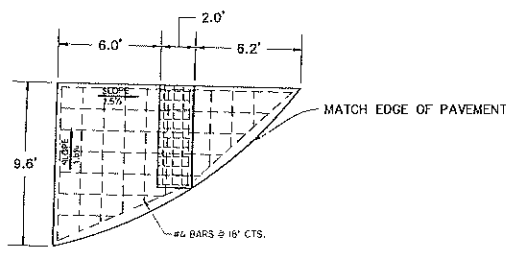
Contract 99598



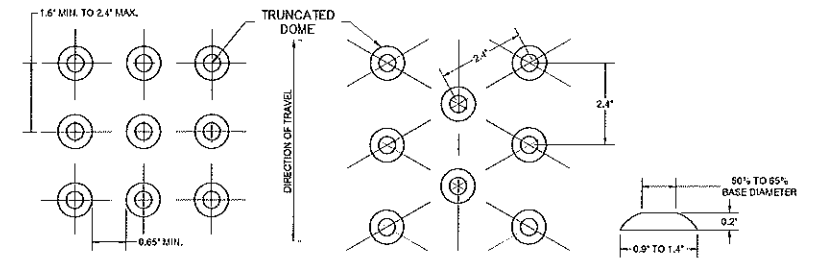
A HIGH SCHOOL PC CONCRETE SIDEWALK PROFILE VIEW
C-2 SCALE: NO SCALE



B HIGH SCHOOL PC CONCRETE SIDEWALK PLAN VIEW
C-2 SCALE: NO SCALE



C GRADE SCHOOL PC CONCRETE SIDEWALK PLAN VIEW
C-2 SCALE: NO SCALE

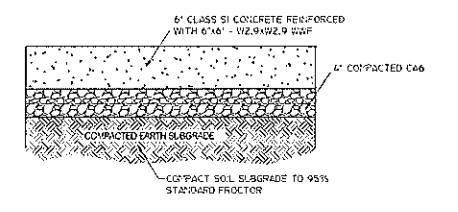


D HANDICAP RAMP DETAIL
C-2 SCALE: NO SCALE



E DETECTABLE WARNINGS DETAIL
C-2 SCALE: NTS

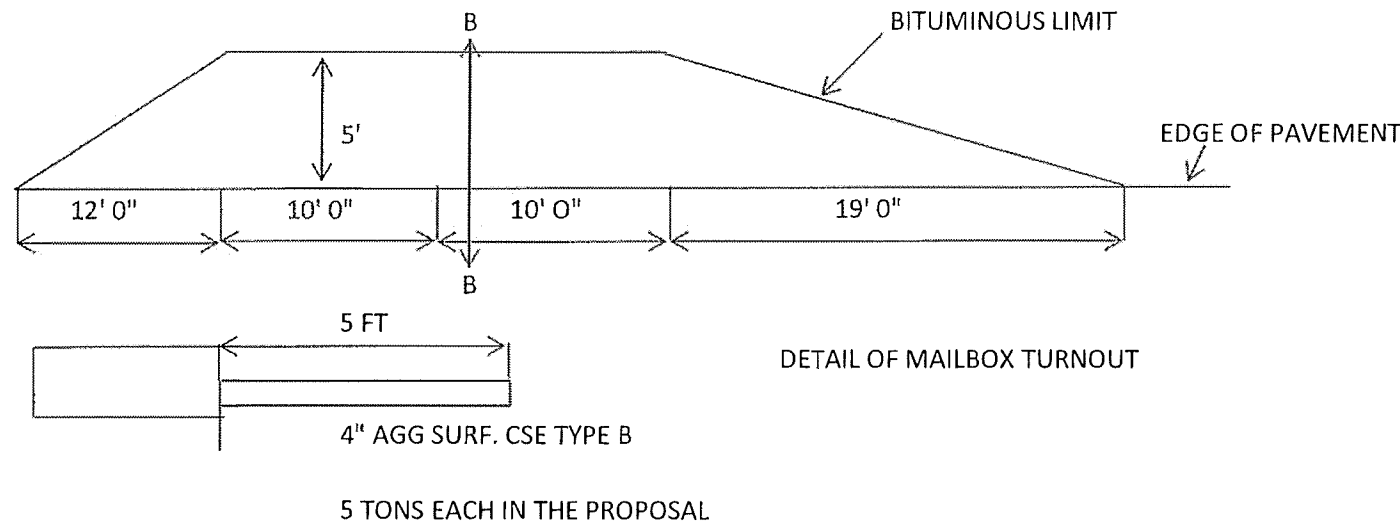
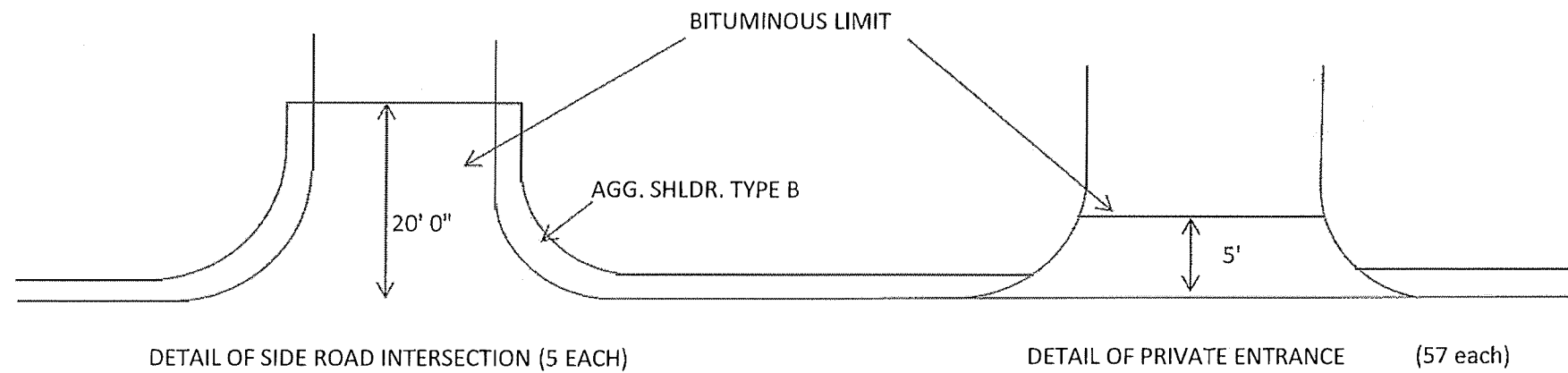
DETECTABLE WARNINGS NOTE:
DETECTABLE WARNINGS SHALL CONSIST OF A SURFACE OF TRUNCATED DOMES MEETING THE REQUIREMENTS OF THE ADAAG



F PC CONCRETE SIDEWALK SECTION
C-2 SCALE: NTS

CLASS "SI" PCC & MIX DESIGN CRITERIA FOR SIDEWALKS								
CLASS	USES	ID OF SPEC. SECTION REF.	CEMENT FACTOR (C/W/C)		STANDARD WATER/CEMENT RATIO (L/B/LB)	SLUMP (IN.)		
			MIN.	MAX.				
SI	CURB & GUTTER SIDEWALK	806 424	6.65 (1) 6.95 (2)	7.05	0.32-0.48	2"-4"		
CLASS	MAX DESIGN COMP. STRENGTH (PSI)	MIX DESIGN FLEX STRENGTH (PSI)		AIR CONTENT	COURSE AGGREGATE GRADATIONS PERMITTED			
SI	3500	3 DAYS	14 DAYS	28 DAYS	3 DAYS	14 DAYS	5-8	CA7, CA11, or CA14

ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
FAS 827 / CH 9	15-00213-00-RS	JEFFERSON	6	6



GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016", "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2018", THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS

LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE SURFACE COURSE

THE LOCATION OF ALL UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR

VARIABLE DEPTH MILLING SHALL BEGIN AT 177+70 TAPERING TO 2 INCHES FOR 100 FEET CONTINUING TO THE SOUTH END OF THE PROJECT

THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THEI PROJECT

THE FOLLOWING RATES HAVE BEEN USED IN CALCULATING PLAN QUANTITIES

AGGREGATE SURFACE COURSE, TYPE A	2.00 TON/CU YD
STONE DUMPED RIPRAP, CLASS A4	2.00 TON/CU YD
HOT-MIX ASPHALT	115 LB/SY/IN

FULL DEPTH PATCHING SCHEDULE				
DIRECTION	BEGIN	END	WIDTH	SY
NBL	5+10	5+65	4	24.4
NBL	6+70	7+70	4	44.4
NBL	23+73	24+60	11	106.3
NBL	30+21	30+52	11	37.8
SBL	63+55	63+93	4	16.9
		TOTAL SY		229.8

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 (IL 9.5 mm)	4% @ 70 GYR.
LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm)	3.5% @ 70 GYR.
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.