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STANDARDS
 000001-07
 701006-05
 701306-04
 701311-03
 701901-08
 780001-05
 BLR 21-9
 BLR 22-7

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
 SURFACE TRANSPORTATION PROJECT

FAS 822 - CH 2 - TOLLE LANE
 SECTION 97-00162-00-RS
 JEFFERSON COUNTY
 S2JK (035)
 C-99-566-06
 CONTRACT # 99623

ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
FAS 822 / CH 2	97-00162-00-RS	JEFFERSON	3	1

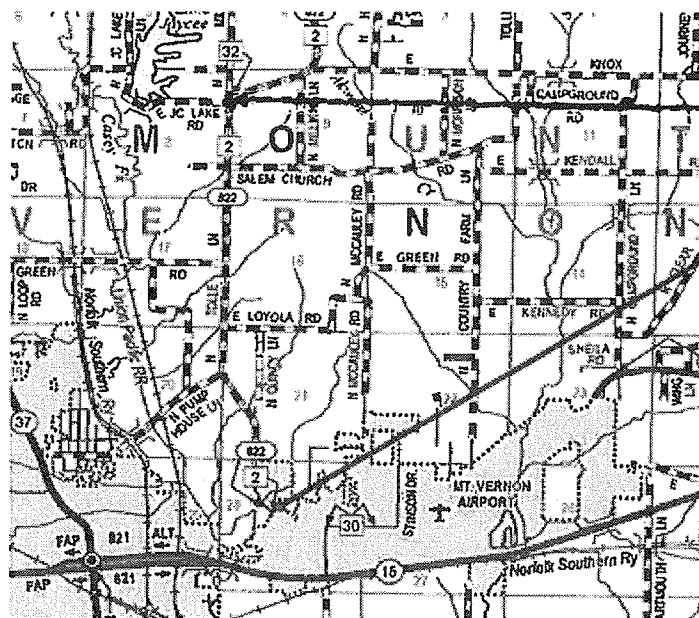


SUMMARY OF QUANTITIES			
	PAY ITEM	UNIT OF MEASURE	QUANTITY
	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON 90
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND 4400
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON 2150
	40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON 4500
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD 450
	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD 75
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON 1050
	67100100	MOBILIZATION	LSUM 1
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM 1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT 7050
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT 1174
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT 61000
	XX009289	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	LSUM 1
	XX009291	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 22	LSUM 1
Δ	Z0033700	LONGITUDINAL JOINT SEALANT	FOOT 17580
	Z0055500	RUMBLE STRIP	SQ FT 825

Δ SPECIALTY ITEMS

CONTRACT 99623

TOTAL SECTION LENGTH = 17,580.19' = 3.330



PROJECT ENDS
 MILLER LAKE ROAD
 STATION 184+60

PROJECT BEGINS
 OLD FAIRFIELD ROAD
 STATION 8+79.81

SCALE: 1 MILE



FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
 DESIGN SPEED = 55MPH

APPROVED _____ 5-28, 2019

[Signature]
 COUNTY ENGINEER
 JEFFERSON COUNTY HIGHWAY DEPARTMENT
 750 OLD FAIRFIELD ROAD
 MT. VERNON, IL 62864
 PH: (618) 244-8031
 LICENCE EXP. 11-30-19

APPROVED _____ 05/31, 2019

[Signature]
 DISTRICT 9 ENGINEER OF LOCAL ROADS AND STREETS

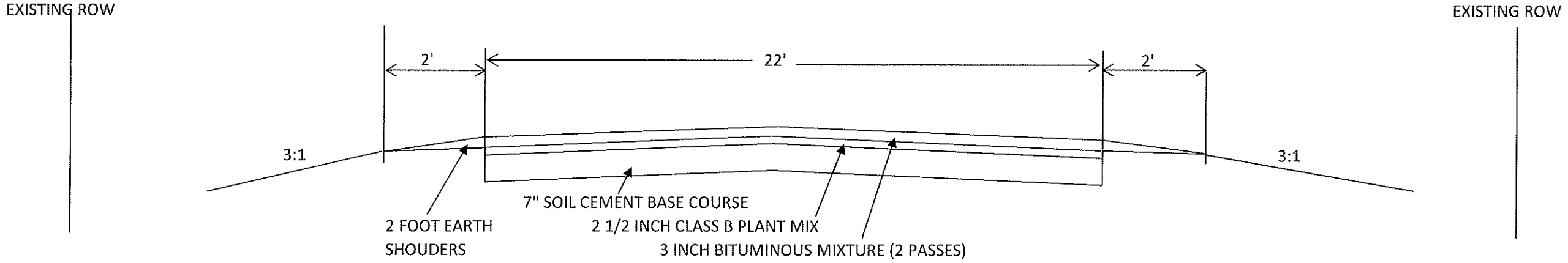
RELEASING FOR BID BASED OF LIMITED REVIEW
 05/31, 2019

[Signature]
 KEITH ROBERTS, P.E.
 ACTING DEPUTY DIRECTOR OF HIGHWAYS
 REGION 5 ENGINEER
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

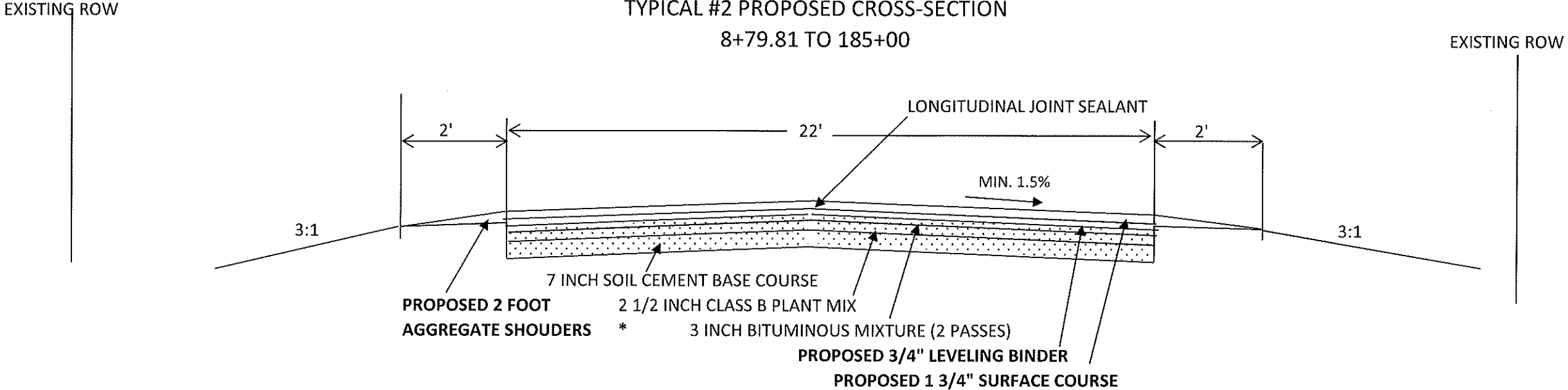
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ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
FAS 822 / CH 2	97-00162-00-RS	JEFFERSON	3	2

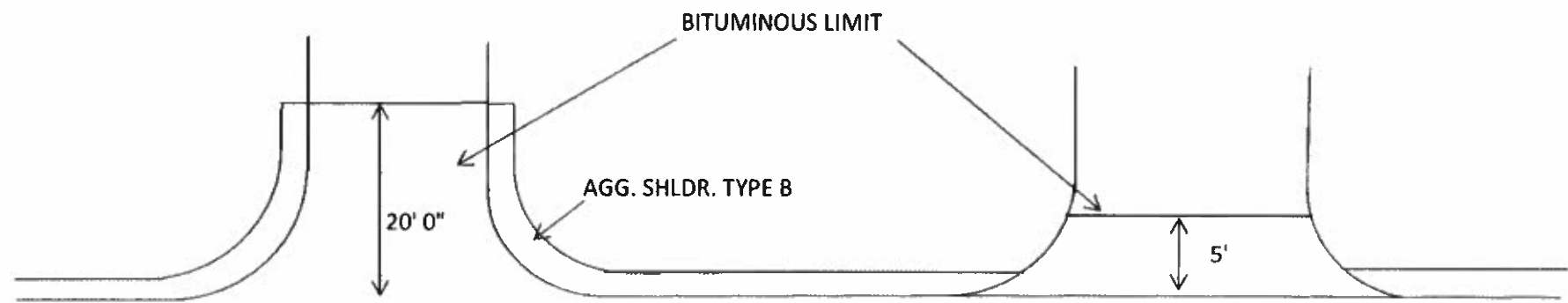
TYPICAL #1 EXISTING CROSS-SECTION
8+79.81 TO 185+00



TYPICAL #2 PROPOSED CROSS-SECTION
8+79.81 TO 185+00

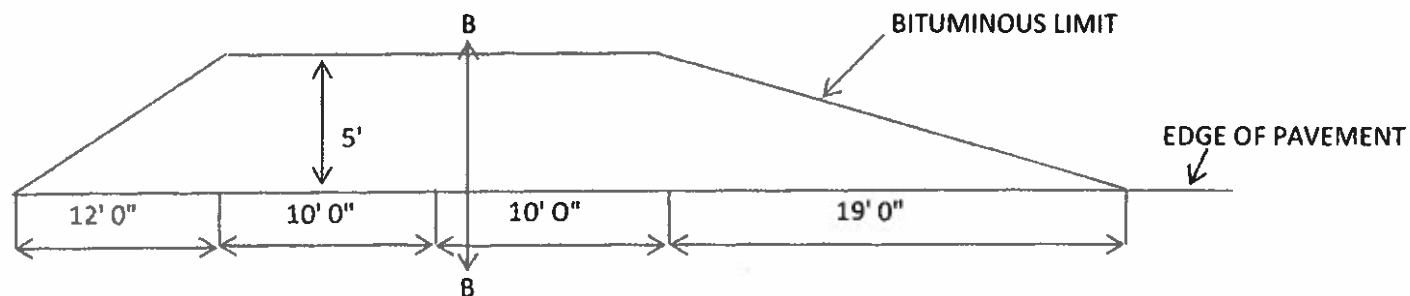


* Additional quantity included for existing drop-off

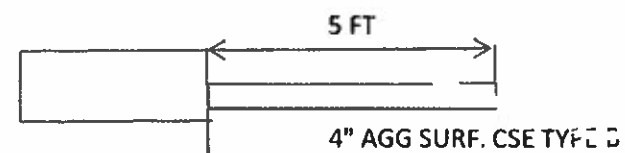


DETAIL OF SIDE ROAD INTERSECTION (8 EACH)
25 TONS BITUMINOUS EACH ALLOWED IN PROPOSAL

DETAIL OF PRIVATE ENTRANCE (52 EACH)
5 TONS BITUMINOUS EACH ALLOWED IN THE PROPOSAL



DETAIL OF MAILBOX TURNOUT (38 EACH)
5 TONS BITUMINOUS EACH ALLOWED IN THE PROPOSAL



5 TONS EACH IN THE PROPOSAL

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)	4% @ 70 GYR.
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.

RUMBLE STRIP SCHEDULE	
BEGIN	END
12+10	12+35
14+10	14+35
16+45	16+70

STRUCTURAL DESIGN TRAFFIC		YEAR 2019
PV = 2112	SU = 216	MU = 72
CLASSIFICATION: MAJOR COLLECTOR		
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE		
P = 88	S = 9	M = 3
TRAFFIC FACTOR	TF = 0.57	
PG GRADE	BINDER =	70-22
	SURFACE =	70-22
IBR = 3		

STRIPING SCHEDULE			
NB NPZ		SB NPZ	
FROM	TO	FROM	TO
10+35	20+70	9+09	28+12
30+68	48+73	39+98	57+68
57+42	81+04	65+83	89+90
95+86	104+80	105+60	115+23
122+49	144+03	131+47	153+35
158+15	184+60	167+28	184+60

PATCHING SCHEDULE			
BEGIN	END	WIDTH	SQ YD
12+20	13+30	6 FOOT	75

ROUTE	SECTION	COUNTY	TOT. SHTS.	SHEET
FAS 822 / CH 2	97-00162-00-RS	JEFFERSON	3	3

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 APRIL 1, 2019", THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS

THE LOCATION OF ALL UTILITIES SHALL BE DETERMINED BY THE CONTRACTOR

THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THE 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
TACK COAT	0.05 LB / SF