

PLANS SYMBOLS

STATE LINE	---
COUNTY LINE	---
TOWNSHIP OR RANGE LINE	---
SECTION LINE	---
QUARTER LINE	---
SIXTEENTH LINE	---
RIGHT OF WAY LINE	---
SLOPE EASEMENT	SC
PRESENT RIGHT OF WAY LINE	---
CONTROL OF ACCESS LINE	---
PROPERTY LINE (Except Land Lines)	---
VACATED PLATTED PROPERTY	---
CORPORATE OR CITY LIMITS	---
TRUNK HIGHWAY CENTER LINE	---
RETAINING WALL	---
RAILROAD	---
RAILROAD RIGHT OF WAY LINE	---
RIVER OR CREEK	---
INTERMITTENT STREAM	---
DRAINAGE DITCH	---
DRAIN TILE	---
CULVERT	---
DITCH INLET	---
GUARD RAIL	---
BARBED WIRE FENCE	---
WOVEN WIRE FENCE	---
CHAIN LINK FENCE	---
WOOD FENCE	---
STONE WALL OR FENCE	---
HEDGE	---
RAILROAD CROSSING SIGN	---
RAILROAD CROSSING BELL	---
ELECTRIC WARNING SIGN	---
CROSSING GATE	---
MEANDER CORNER	---
SPRINGS	---
MARSH	---
TIMBER	---
ORCHARD	---
BURSH	---
NURSERY	---
CATCH BASIN	C.B.
FIRE HYDRANT	B
CATTLE GUARD	---
OVERPASS (Highway Over)	---
UNDERPASS (Highway Under)	---
BRIDGE	---
BUILDING (One Story Frame)	F-FRAME D-CONCRETE
	S-STONE F-FRAME
	B-BRICK ST-STUCCO
IRON PIPE OR ROD	---
CAST IRON MONUMENT OR PIPE WITH CAP	---
WOODEN HUB	---
GRAVEL PIT	---
SAND PIT	---
BORROW PIT	---
ROCK QUARRY	---
UTILITIES SYMBOLS	
POWER POLE LINE	---
TELEPHONE OR TELEGRAPH POLE LINE	---
JOINT TELEPHONE AND POWER ON POWER POLES	---
ON TELEPHONE POLES	---
ANCHOR	---
STEEL TOWER	---
STREET LIGHT	---
PEDESTAL (TELEPHONE CABLE TERMINAL)	---
GAS MAIN	---
WATER MAIN	---
CONDUIT	---
TELEPHONE CABLE IN CONDUIT	---
ELECTRIC IN CONDUIT	---
TELEPHONE MANHOLE	---
ELECTRIC MANHOLE	---
BURIED TELEPHONE CABLE	T-BUR
BURIED ELECTRIC CABLE	P-BUR
AERIAL TELEPHONE CABLE	T-AE
SEWER (SANITARY OR STORM)	---
SEWER MANHOLE	---

MINNESOTA DEPARTMENT OF TRANSPORTATION

PINE COUNTY

CONSTRUCTION PLAN FOR BIT. MILLING, BIT. RECLAMATION, BIT. SURFACING & AGG. SURFACING

LOCATED ON C.R. 122 BETWEEN C.S.A.H 53 AND C.S.A.H. 11 (2 MILES WEST OF PINE CITY) (Geographic Description)

FROM 313.28' E. & 184.30' S. OF THE N1/4 OF SEC. 30, T39N, R21W TO 1037.93' E. & 1958.28' N. OF THE NW COR. OF SEC. 19, T39N, R21W (Legal Description)

COUNTY PROJ. NO. 058-122-001

GROSS LENGTH	8874.00 FEET	1.681 MILES
BRIDGES-LENGTH	96.00 FEET	0.018 MILES
EXCEPTIONS-LENGTH	0.00 FEET	0.000 MILES
NET LENGTH	8874.00 FEET	1.681 MILES

MINN. PROJ. NO. _____

GOVERNING SPECIFICATIONS

THE 2016 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.
ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE LATEST EDITION OF THE MN. M.U.T.C.D., AND TEMPORARY TRAFFIC CONTROL LAYOUTS (FIELD MANUAL).

INDEX

SHEET 1	TITLE & INDEX MAP
SHEET 2	ESTIMATED QUANTITIES & STANDARD PLATES
SHEET 3	ESTIMATED QUANTITY NOTES
SHEETS 4-6	TYPICAL SECTION & PAVING DETAIL
SHEET 7	SUPER ELEVATED CURVE DETAILS
SHEET 8	TRAFFIC CONTROL PLAN

THIS PLAN CONTAINS 8 SHEETS

DESIGN DESIGNATION RECONDITIONING

ADT(Current Year) 2018	=	186
Proj. ADT(Future Year) 2038	=	261
Proj. HCADT	=	35
Sigma N-18	74,861	
R-Value	20 (ASSUMED)	
Design Loading	10 TON	
Shoulder Width	2.0' (1.0' PAVED)	

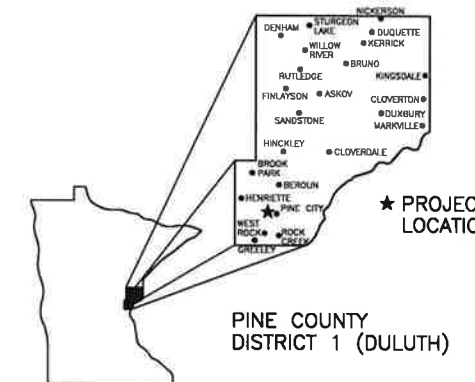
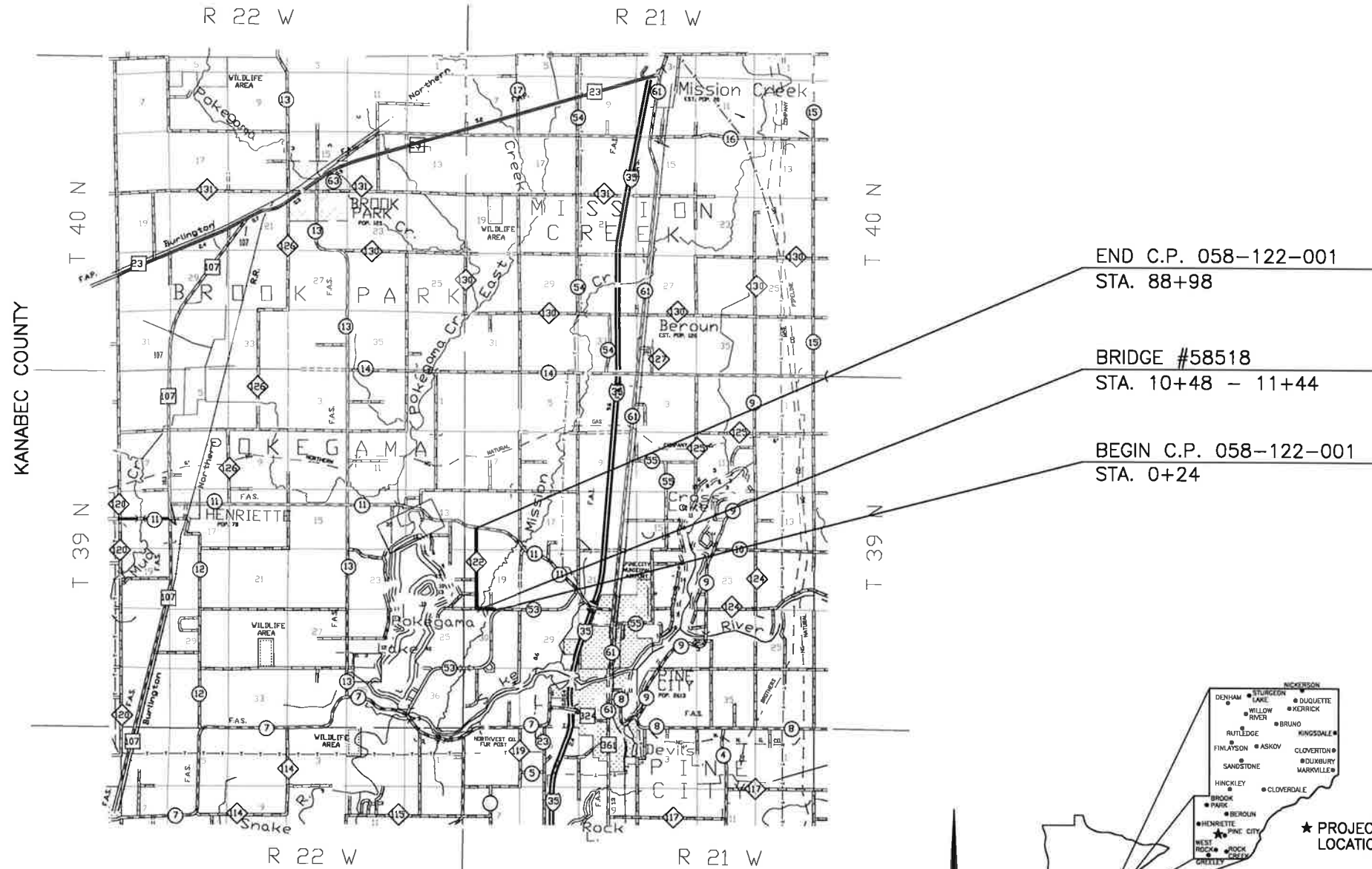
Design Speed	50 MPH
Based on Stopping Sight Distance	
Height of eye	3.5
Height of object	2.0'
Design Speed not achieved at:	
STA. 0+57 TO STA. 4+53	MPH 25
STA. 15+25 TO STA. 18+77	MPH 15

PREVIOUS CONSTRUCTION

S.P. 58-598-03	BRIDGE #58518	1980
C.P. 122-79-02	APPR. GRADING	1980
C.P. 95-122-01	PAVING	1980

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Mark A. LeBrun DATE: 5/24/18
 Mark A. LeBrun REG. NO. 40478
 PINE COUNTY



SCALE
INDEX MAP 5280'

BASIS FOR ESTIMATED QUANTITIES	
ITEM	BASIS
AGGREGATE SURFACING, CLASS-1	140 LBS./CU.FT.
AGGREGATE SURFACING, CLASS-5	140 LBS./CU.FT.
AGGREGATE BASE, CLASS-5	140 LBS./CU.FT.
BITUMINOUS MATERIAL FOR TACK COAT CSS-IH	0.07 GAL./SQ.YD. (UNDILUTED)
BITUMINOUS MATERIAL FOR SHOULDER TACK CSS-IH	0.25 GAL./SQ.YD. (DILUTED)
WEARING COURSE MIXTURE	110 LBS./IN./SQ.YD.
BITUMINOUS MATERIAL FOR MIXTURE	B (PG 58S-28)
AGGREGATE FOR WEAR	B

GENERAL NOTES:


- DIMENSIONS ON TYPICAL SECTIONS ARE NOMINAL.
- TYPICAL SECTIONS ARE NOT TO SCALE.
- TACK COAT TO BE PLACED BETWEEN BITUMINOUS LAYERS AS DIRECTED BY THE ENGINEER.
- SEE TYPICAL SECTIONS FOR LIFT THICKNESS AND PAVEMENT WIDTHS.
- TYPICAL DETAIL IV TO BE CONSTRUCTED AT LOCATIONS DIRECTED BY THE ENGINEER.
- INPLACE RECLAIMED ROAD APPROACHES AND EXPOSED AGGREGATE SURFACES SHALL BE SHAPED PRIOR TO PAVING AND SHALL BE CONSIDERED INCIDENTAL TO FULL DEPTH RECLAMATION.
- DETAIL MILLING SHALL BE REQUIRED AT PAVED ENTRANCES AND NORTH END OF PROJECT, PRIOR TO THE FINAL LIFT OF PAVEMENT AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO TYPE SP 12.5 WEARING COURSE MIXTURE.
- INPLACE PAVED ENTRANCES SHALL BE MATCHED INTO WITH TYPE SP 12.5 WEARING COURSE MIXTURE, AS NEEDED AND APPROVED BY THE ENGINEER, OR PAVED WITH 2" TYPE SP 12.5 WEARING COURSE MIXTURE TO LIMITS DETERMINED BY THE ENGINEER.
- A RESTRICTED BRIDGE IS LOCATED WITHIN THE PROJECT LIMITS. THE POSTED WEIGHT LIMIT IS 28T FOR A SINGLE UNIT VEHICLE (TYPE M3).

THE FOLLOWING STANDARD PLATES AS APPROVED BY THE F H W A SHALL APPLY ON THIS PROJECT.

STANDARD PLATES	
PLATE NO.	DESCRIPTION
8000 J	CHANNELIZERS
9350 A	MAILBOX SUPPORT

STATEMENT OF ESTIMATED QUANTITIES					
SPEC. NO.	ITEM	UNIT			TOTAL EST. QUANTITIES
2021.501	MOBILIZATION	L.S.			1.0
2051.501	MAINTENANCE & RESTORATION OF HAUL ROADS	L.S.			1.0
① 2104.505	REMOVE BITUMINOUS PAVEMENT	SQ. YD.			342
② 2104.507	REMOVE AGGREGATE	CU. YD.			349
2118.501	AGGREGATE SURFACING, CLASS-1	TON			572
③ 2118.501	AGGREGATE SURFACING, CLASS-5	TON			207
④ 2123.503	MOTOR GRADER	HOUR			5
⑤ 2123.507	1.0 CU. YD. SHOVEL	HOUR			5
⑤ 2123.510	10 CU. YD. TRUCK	HOUR			10
④ 2123.521	PNEUMATIC TIRED ROLLER	HOUR			5
⑥⑤ 2211.501	AGGREGATE BASE, CLASS-5	TON			556
⑦ 2215.501	FULL DEPTH RECLAMATION	SQ. YD.			28 181
⑧ 2232.501	MILL BITUMINOUS SURFACE (2.0")	SQ. YD.			25 149
⑨ 2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GAL.			1887
2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GAL.			1463
⑩ 2360.501	TYPE SP 12.5 WEARING COURSE MIXTURE (2,B)	TON			5090
⑪ 2540.602	MAILBOX SUPPORT	EACH			17
⑫ 2563.601	TRAFFIC CONTROL	L.S.			1.0
⑬ 2574.525	COMMON TOPSOIL BORROW	CU. YD.			50
⑭ 2580.603	INTERIM PAVEMENT MARKING	LIN. FT.			2120
⑮ 2582.502	4" SOLID LINE EPOXY, GR IN, (WR)	LIN. FT.			26 518
⑯ 2582.502	4" BROKEN LINE EPOXY, GR IN, (WR)	LIN. FT.			1070

SEE SHEET 3 FOR ITEM/QUANTITY NOTES.

CERTIFIED BY 	REG. NO. 40478
MARK A. LEBRUN PROFESSIONAL ENGINEER	
COUNTY PROJECT NO. 058-122-001	SHEET 2 OF 8 SHEETS

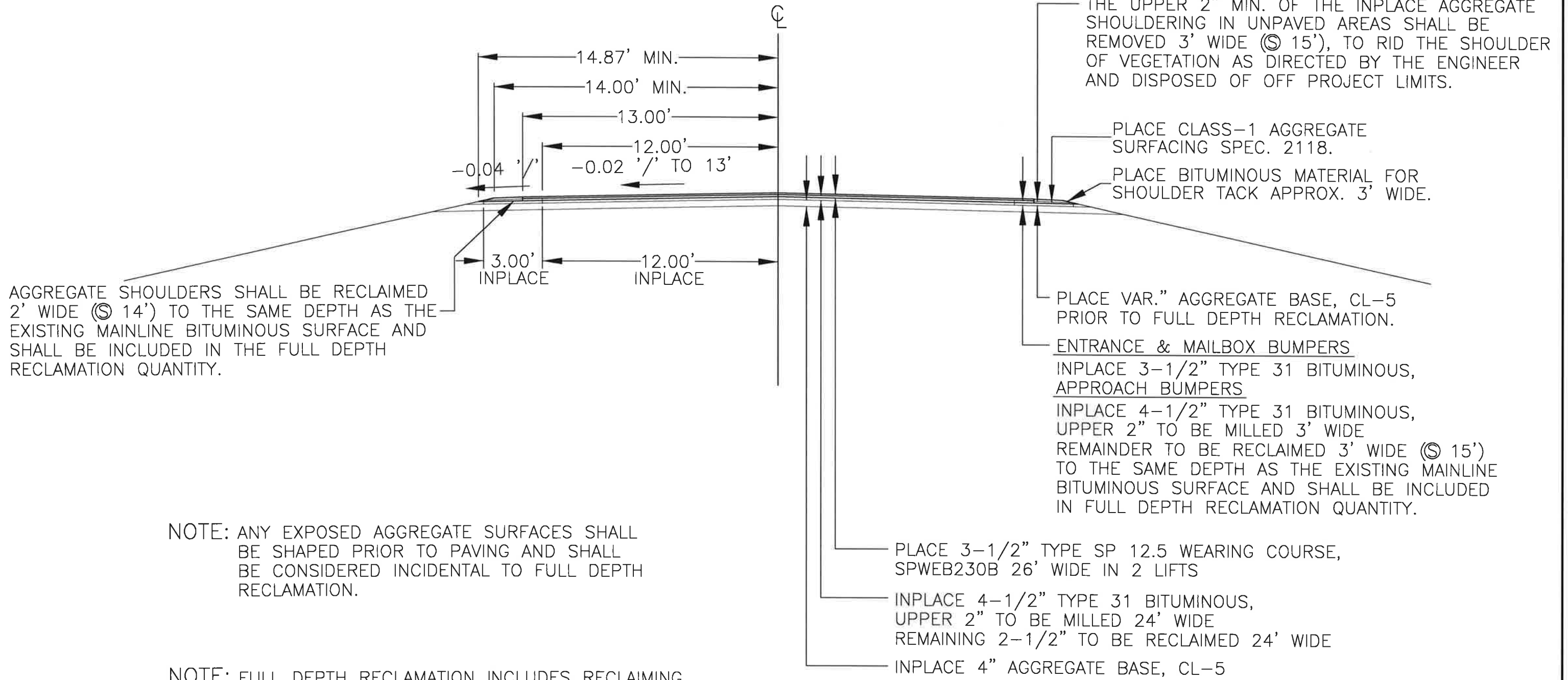
- ① LOCATED AT BRIDGE DECK STA. 10+48-11+44. TO BE DISPOSED OF OFF PROJECT LIMITS AS APPROVED BY ENGINEER.
- ② REMOVE AGGREGATE SHALL BE MEASURED BY THE LOOSE VOLUME (LV) AND INCLUDES THE REMOVAL OF INPLACE AGGREGATE SHOULDERING. SEE TYPICAL SHEETS 4 FOR REMOVAL INFORMATION. AGGREGATE TO BE DISPOSED OF OFF PROJECT LIMITS AS APPROVED BY THE ENGINEER. ALSO INCLUDES REMOVAL OF RECLAIMED BITUMINOUS FROM THE NORTH END OF PROJECT AND BOTH ENDS OF BRIDGE DECK TO ALLOW FOR PAVEMENT. RECLAIMED BITUMINOUS TO BE USED IN CONJUNCTION WITH PREPARATION OF FULL DEPTH RECLAMATION IF NEEDED OR DISPOSED OF OFF PROJECT LIMITS AS APPROVED BY THE ENGINEER.
- ③ INCLUDES QUANTITIES FOR 21 ENTRANCES (7 TON EACH) AND 3 ROAD APPROACHES (20 TON EACH).
- ④ EQUIPMENT HOURS ARE TO BE USED FOR DRYING OVERLY SATURATED SUBGRADE AREAS WHEN YIELDING OCCURS DURING CONSTRUCTION OPERATIONS. THE LOCATIONS AND EXTENTS OF THE AREAS SHALL BE DETERMINED BY THE ENGINEER. THE RECLAIMED MATERIAL AND UNDERLYING GRAVEL SHALL BE MOVED ASIDE, THE SUBGRADE SHALL BE OPENED UP AND ALLOWED TO DRY, THEN RELAYED AND COMPACTED, WITH THE RECLAIMED & GRAVEL MATERIAL PLACED BACK ON THE ROAD SURFACE.
- ⑤ EQUIPMENT HOURS ARE TO BE USED TO REPAIR GRADE IF ADDITIONAL YIELDING AREAS ARE LOCATED DURING CONSTRUCTION OPERATIONS. THE LOCATIONS AND EXTENTS OF THE AREAS SHALL BE DETERMINED BY THE ENGINEER. THE EXCAVATED MATERIAL SHALL BE DISPOSED OF OFF PROJECT LIMITS AS APPROVED BY THE ENGINEER. AGGREGATE BASE CLASS-5 INCLUDES (50 TON) TO BE USED TO FILL GRADE REPAIR LOCATIONS. AGGREGATE BASE CLASS-5 SHALL INCLUDE; SUPPLY, DELIVERY, PLACEMENT, AND COMPACTION OF THE MATERIAL.
- ⑥ TO BE USED FOR GRAVELING EXISTING SHOULDERS PRIOR TO FULL DEPTH RECLAMATION. INCLUDES (150 TON) TO BE USED FOR PROFILE CORRECTION AND/OR SLOPE CORRECTION IN SUPER ELEVATED CURVE AREAS SUBSEQUENT TO FULL DEPTH RECLAMATION OPERATIONS, AS DIRECTED AND APPROVED BY THE ENGINEER.
- ⑦ INCLUDES QUANTITIES FOR ENTRANCE, MAILBOX, & ROAD APPROACH BUMPERS, AND PAVED SHOULDERS (1304 SQ. YD.), 3 ROAD APPROACHES (437 SQ. YD.), AND AGGREGATE SHOULDERS (3032 SQ. YD.).
- ⑧ INCLUDES QUANTITIES FOR ENTRANCE, MAILBOX, & ROAD APPROACH BUMPERS, AND AGGREGATE SHOULDERS (1304 SQ. YD.) AND 3 ROAD APPROACHES (437 SQ. YD.).
- ⑨ INCLUDES QUANTITIES FOR 3 ROAD APPROACHES, 6 PAVED ENTRANCES, BRIDGE DECK STA. 10+48 - 11+44, AND PAVED SHOULDERS.
- ⑩ INCLUDES QUANTITIES FOR 3 ROAD APPROACHES (SUNSHINE RD. & LAKE LINE RD. 27 TON EACH AND CENTURY RD. 60 TON), BRIDGE DECK STA. 10+48 - 11+44 (56 TON), 6 PAVED ENTRANCES (5 TON EACH), AND PAVED SHOULDERS (384 TON).
- ⑪ INSTALL AS PER STANDARD PLATE 9350 A. SEE ADDITIONAL INSTALLATION NOTES ON SHEET 6.
- ⑫ SEE SHEET 8 FOR DETAILS.
- ⑬ COMMON TOPSOIL BORROW SHALL BE MEASURED BY THE LOOSE VOLUME (LV) AND IS TO BE USED IN PROFILE CORRECTION AREAS ON EXISTING INSLOPES AS DETERMINED AND DIRECTED BY THE ENGINEER.
- ⑭ TO BE PLACED AFTER EACH LIFT OR AT END OF DAY IF MORE THAN 1 LIFT IS PLACED THAT DAY. INCLUDES QUANTITIES FOR MARKING MILLED SURFACE.
- ⑮ INCLUDES WHITE EPOXY EDGE STRIPE (17 748 LIN. FT.) TO BE PLACE AT 12' OFFSET FROM CENTERLINE AND YELLOW EPOXY CENTERLINE STRIPE (8770 LIN. FT.).
- ⑯ BROKEN CENTERLINE STRIPING SHALL BE YELLOW EPOXY.

CERTIFIED BY <u>Mark A. Lebrun</u>	REG. NO. <u>40478</u>
<small>MARK A. LEBRUN PROFESSIONAL ENGINEER</small>	
COUNTY PROJECT NO. <u>058-122-001</u>	SHEET <u>3</u> OF <u>8</u> SHEETS

TYPICAL BASE & SURFACE SECTION

I

STA. 0+24 - 9+98
STA. 11+94 - 88+98



AGGREGATE SHOULDERS SHALL BE RECLAIMED 2' WIDE (S 14') TO THE SAME DEPTH AS THE EXISTING MAINLINE BITUMINOUS SURFACE AND SHALL BE INCLUDED IN THE FULL DEPTH RECLAMATION QUANTITY.

NOTE: ANY EXPOSED AGGREGATE SURFACES SHALL BE SHAPED PRIOR TO PAVING AND SHALL BE CONSIDERED INCIDENTAL TO FULL DEPTH RECLAMATION.

NOTE: FULL DEPTH RECLAMATION INCLUDES RECLAIMING VAR.\" AGGREGATE BASE, CL-5 INTO THE EXISTING AGGREGATE SHOULDERS.

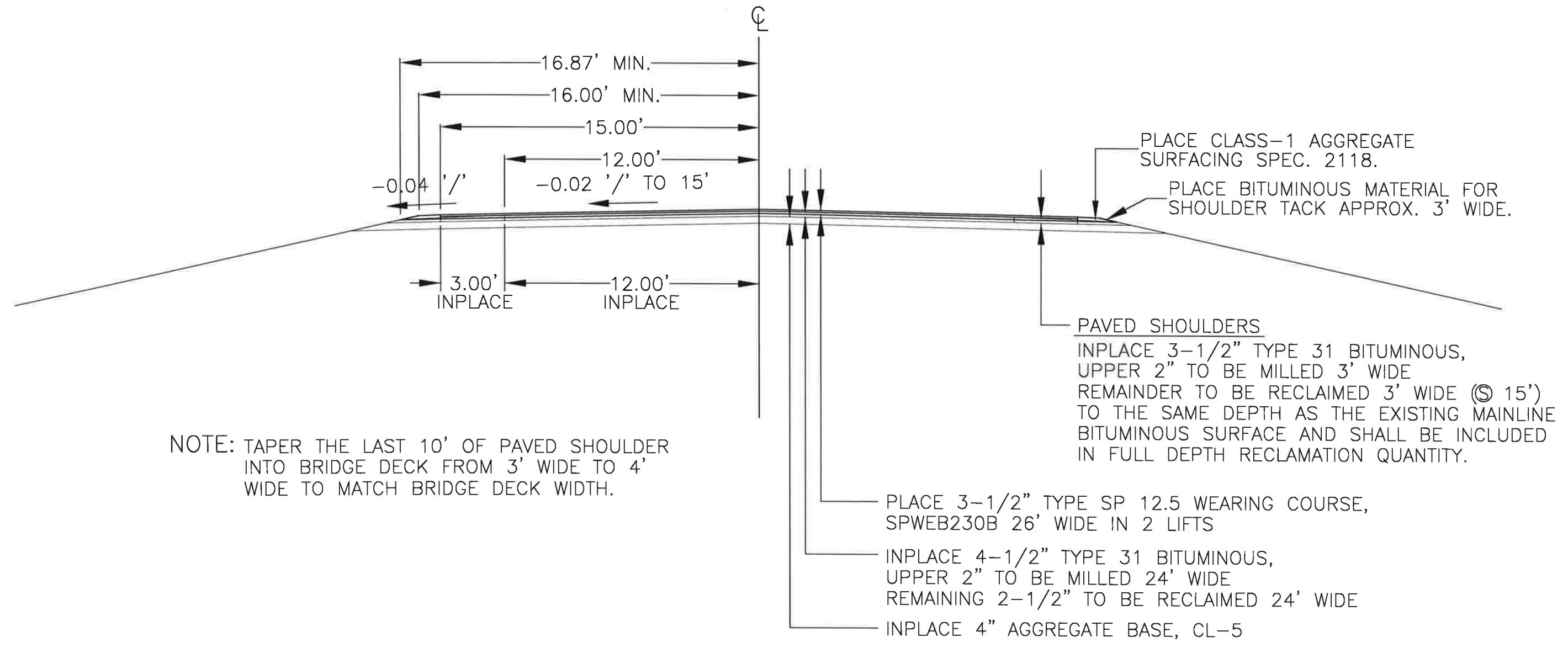
NOTE: INPLACE 4-1/2\" TYPE 31 BITUMINOUS ROAD APPROACHES, UPPER 2\" TO BE MILLED AND REMAINDER TO BE RECLAIMED TO LIMITS DETERMINED BY THE ENGINEER.

CERTIFIED BY <i>Mark A. Lebrun</i>	REG. NO. 40478
<small>MARK A. LEBRUN PROFESSIONAL ENGINEER</small>	
COUNTY PROJECT NO. 058-122-001	SHEET 4 OF 8 SHEETS

TYPICAL BASE & SURFACE SECTION

II

STA. 9+98 - 10+48
 STA. 11+44 - 11+94



NOTE: TAPER THE LAST 10' OF PAVED SHOULDER INTO BRIDGE DECK FROM 3' WIDE TO 4' WIDE TO MATCH BRIDGE DECK WIDTH.

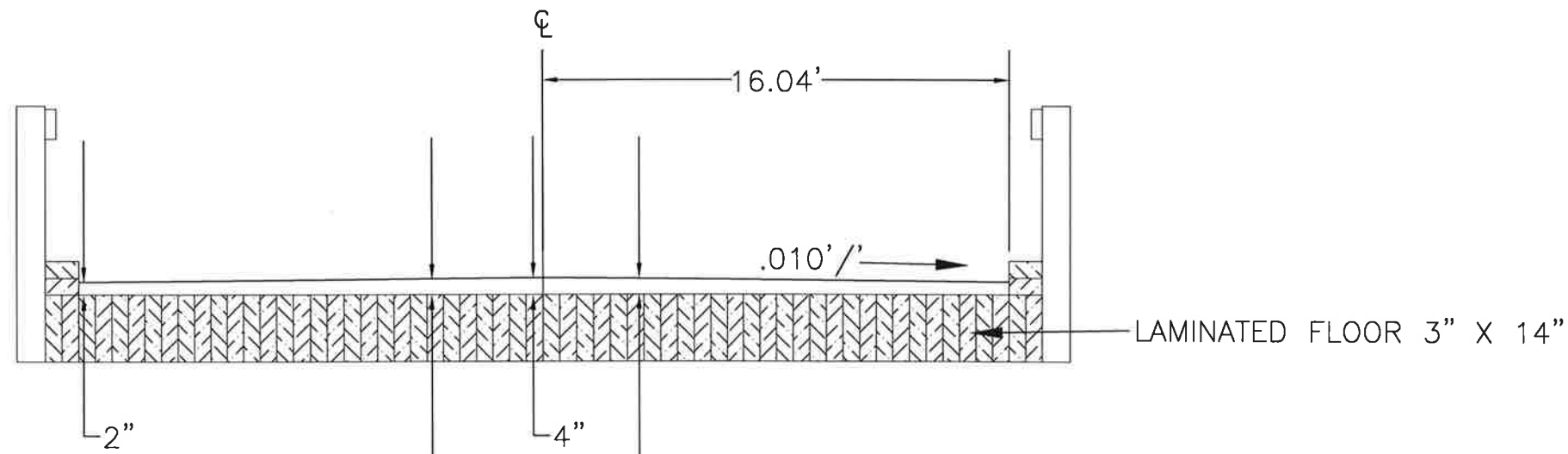
CERTIFIED BY Mark A. Lebrun REG. NO. 40478
MARK A. LEBRUN PROFESSIONAL ENGINEER

COUNTY PROJECT NO. 058-122-001 SHEET 5 OF 8 SHEETS

TYPICAL BRIDGE SURFACE SECTION

III

STA. 10+48 - 11+44



PLACE BITUMINOUS WEAR, SPWEB230B 4" THICK AT ϕ AND 2" THICK AT CURB. PLACEMENT TO BE DONE IN TWO LIFTS. TACK DECK PRIOR TO FIRST LIFT.

INPLACE 3-1/2" - 5-1/2" BITUMINOUS WEARING SURFACE TO BE REMOVED BY MEANS OTHER THAN MILLING.

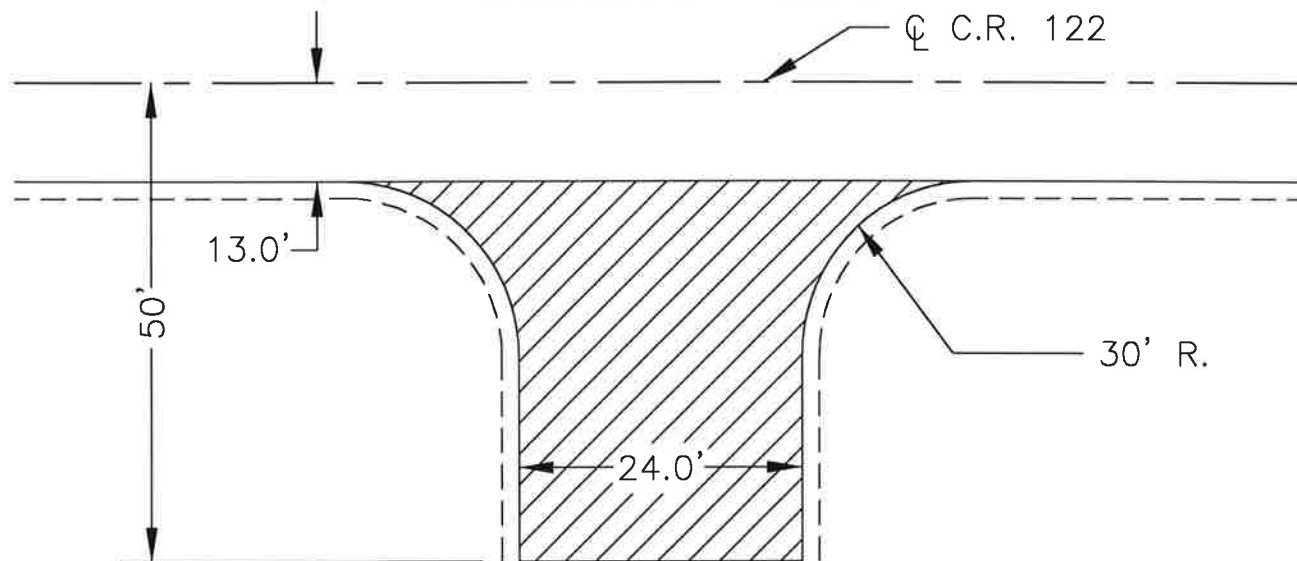
MAILBOX SUPPORT NOTES

- MAILBOX SUPPORT TO BE PLACED AT SAME LOCATION AS INPLACE SUPPORT WITH THE FACE OF MAILBOX OFFSET 8"-12" OUTSIDE OF PAVED SHOULDER.
- EXISTING MAILBOX SUPPORTS SHALL BE SALVAGED FOR PROPERTY OWNERS.
- EXISTING MAILBOXES AND NEWSPAPER BOXES SHALL BE SALVAGED AND REINSTALLED ONTO MAILBOX SUPPORTS. THIS SHALL BE CONSIDERED INCIDENTAL TO SPEC. 2540.602 MAILBOX SUPPORTS.
- IF NECESSARY, 911 ADDRESS NUMBERS AND SUPPORTS SHALL BE REINSTALLED 1' BEYOND MAILBOX SUPPORT POST. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO SPEC. 2540.602 MAILBOX SUPPORTS.
- ANY ADDITIONAL HARDWARE THAT MAY BE REQUIRED TO INSTALL NEWSPAPER BOXES SHALL BE FURNISHED AND BE CONSIDERED INCIDENTAL TO SPEC. 2540.602 MAILBOX SUPPORTS.

TYPICAL ROAD APPROACH DETAIL

IV

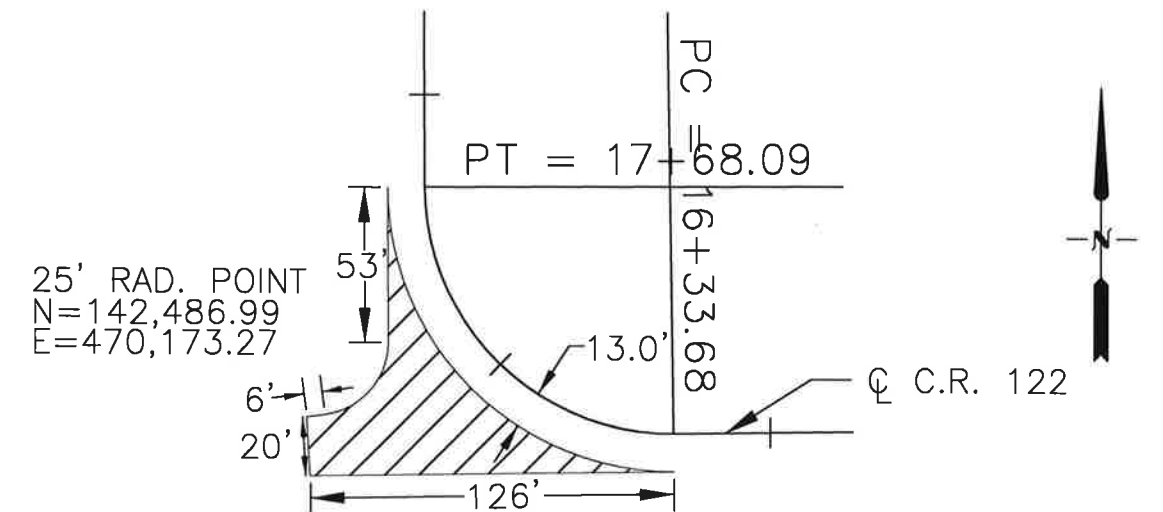
2 LOCATIONS ON PROJECT



NOTE: PAVE WITH 3-1/2" TYPE SP 12.5 WEARING COURSE, SPWEB230B (2 LIFTS)

CENTURY ROAD APPROACH DETAIL

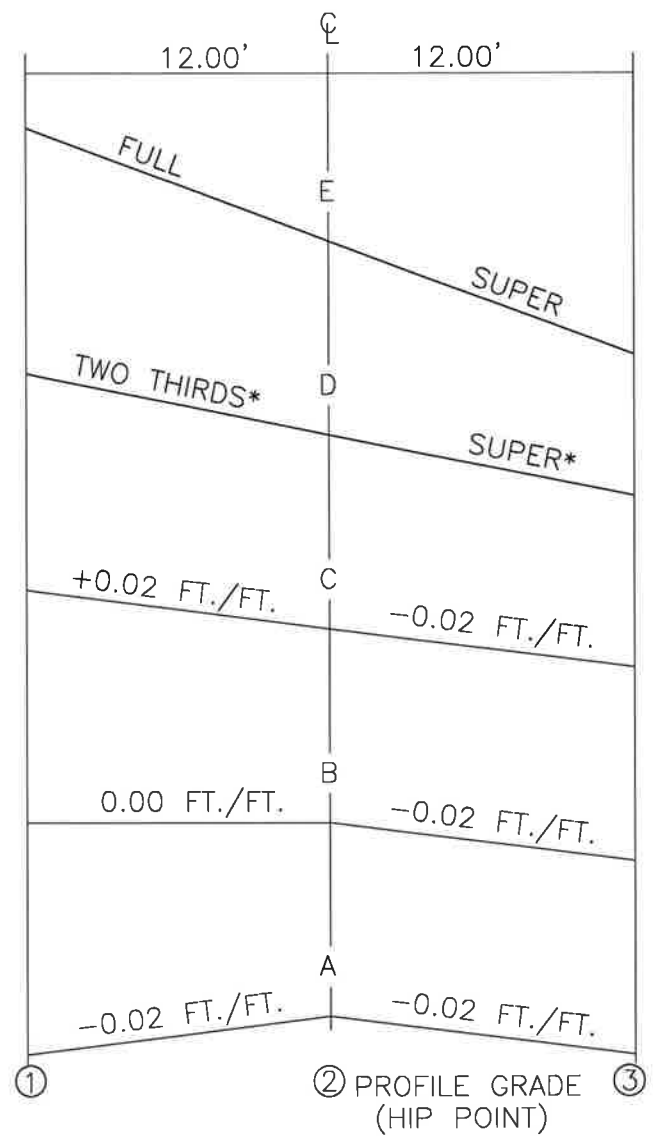
V



NOTE: PAVE WITH 3-1/2" TYPE SP 12.5 WEARING COURSE, SPWEB230B (2 LIFTS)

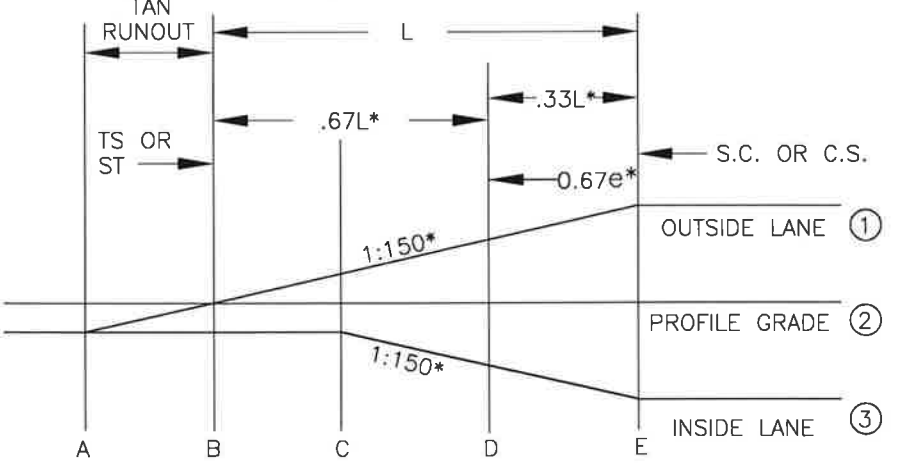
CERTIFIED BY Mark A. Lebrun REG. NO. 40478
MARK A. LEBRUN PROFESSIONAL ENGINEER

COUNTY PROJECT NO. 058-122-001 SHEET 6 OF 8 SHEETS



* P.I. STA. 2+51.59 IN ONE HALF SUPER

SUPER ELEVATION RUNOFF

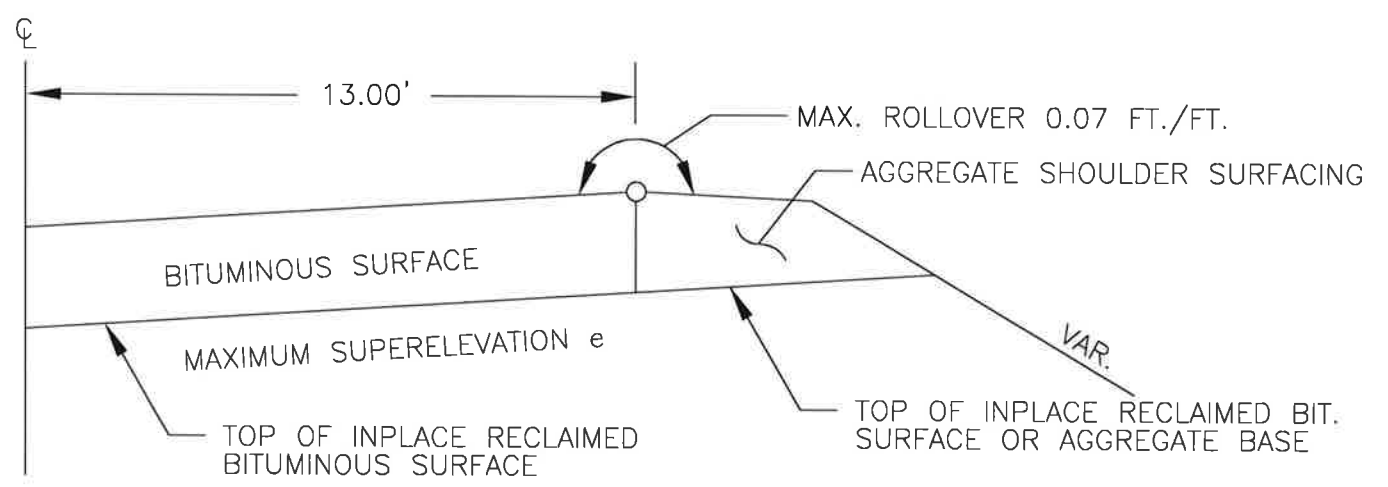


e = DESIGN SUPERELEVATION
SUPERELEVATION AXIS OF ROTATION AT HIP POINT

* P.I. STA. 2+51.59 IN 1:125/0.50L/0.50L/0.50e

HIP POINT STATIONS

		A	B	C	D	E
P.I. STA. 2+51.59	IN	0+57.56	0+87.56	1+17.56	1+19.06	1+50.56
e=0.042 FT./FT.	OUT	4+52.11	4+16.11	3+80.11	3+65.46	3+40.51
P.I. STA. 17+19.57	IN	15+25.32	15+61.32	15+97.32	16+33.68	16+69.32
e=0.060 FT./FT.	OUT	18+76.45	18+40.45	18+04.45	17+68.09	17+32.45



CERTIFIED BY Mark A. Lebrun REG. NO. 40478
MARK A. LEBRUN PROFESSIONAL ENGINEER
 COUNTY PROJECT NO. 058-122-001 SHEET 7 OF 8 SHEETS

TRAFFIC CONTROL MAP

NOTES:

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE CURRENT EDITION OF THE MnMUTCD, INCLUDING THE TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS (FIELD MANUAL).

ADVANCE SIGNING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CONSTRUCTION ZONE SIGNING WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WILL INCLUDE, BUT NOT LIMITED TO, SIGNS FOR LANE CLOSURES, LOW SHOULDER, UN-EVEN LANES, AND FRESH OIL, AND (OTHER ITEMS AS APPLICABLE). THE NUMBER AND LOCATION OF THESE SIGNS WILL BE DETERMINED BY THE CONTRACTORS OPERATIONS.

THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL REQUIRED TRAFFIC CONTROL SIGNS AND DEVICES.

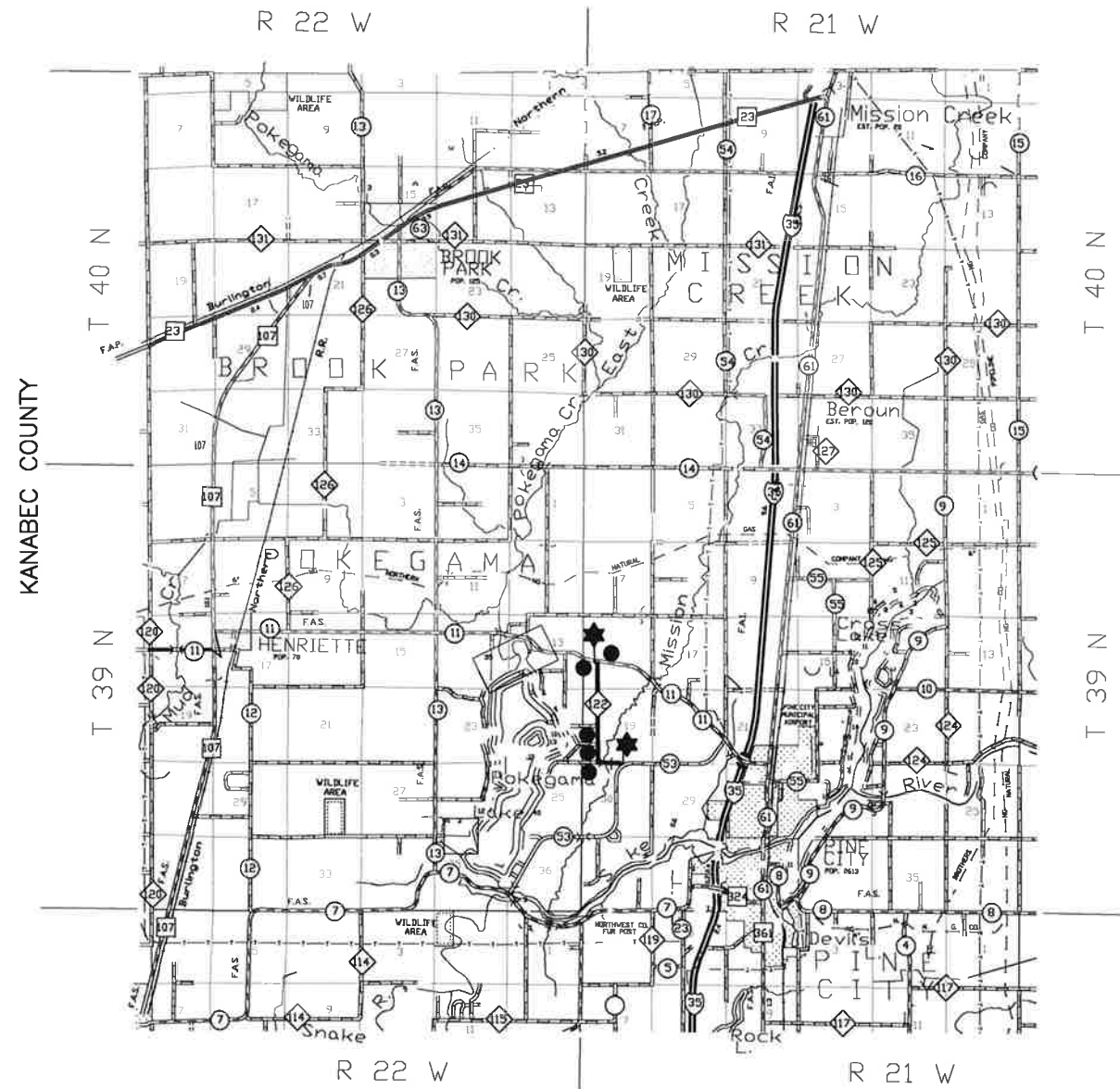
FIELD CONDITIONS MAY REQUIRE MODIFICATIONS OF THIS LAYOUT AS DEEMED NECESSARY BY THE ENGINEER.

ALL LOCATIONS IN THE TRAFFIC CONTROL PLAN ARE APPROXIMATE. EXACT LOCATIONS MAY BE MARKED BY THE ENGINEER PRIOR TO PLACEMENT BY THE CONTRACTOR.

ALL TRAFFIC CONTROL DEVICES ON ROADS OPEN TO TRAFFIC THAT ARE NOT CONSISTENT WITH CONSTRUCTION OPERATIONS SHALL BE COVERED, REMOVED, OR REVISED AS DIRECTED BY THE ENGINEER.

ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED. ALL ORANGE SIGNS SHALL BE MADE OF DIAMOND GRADE ORANGE REFLECTIVE SHEETING OR AN APPROVED SUBSTITUTE. ALL TRAFFIC CONTROL DEVICES SHALL BE RETRO-REFLECTIVE SHEETING.

ALL SIGNS PROVIDED BY THE CONTRACTOR FOR TRAFFIC CONTROL DURING CONSTRUCTION REMAIN THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM JOB SITE WHEN THEY ARE NO LONGER NEEDED.



SCALE

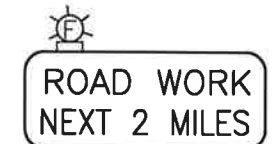
INDEX MAP 5280'

● DENOTES SIGN LOCATION

★ DENOTES SIGN LOCATION*



W20-1
48" x 48"
5 LOCATIONS



G20-1
60" x 24"
2 LOCATIONS

*MOUNTED ON TYPE III BARRICADE

TRAFFIC CONTROL MAP

CERTIFIED BY

Mark A. Lebrun
MARK A. LEBRUN PROFESSIONAL ENGINEER

REG. NO. 40478

COUNTY PROJECT NO. 058-122-001

SHEET NO. 8 OF 8 SHEETS