

EPOXY CHIP SEAL
FY 2024-2025 BRIDGE DECK PRESERVATION PROJECT

YAVAPAI COUNTY, ARIZONA
PROJ. #24-23754

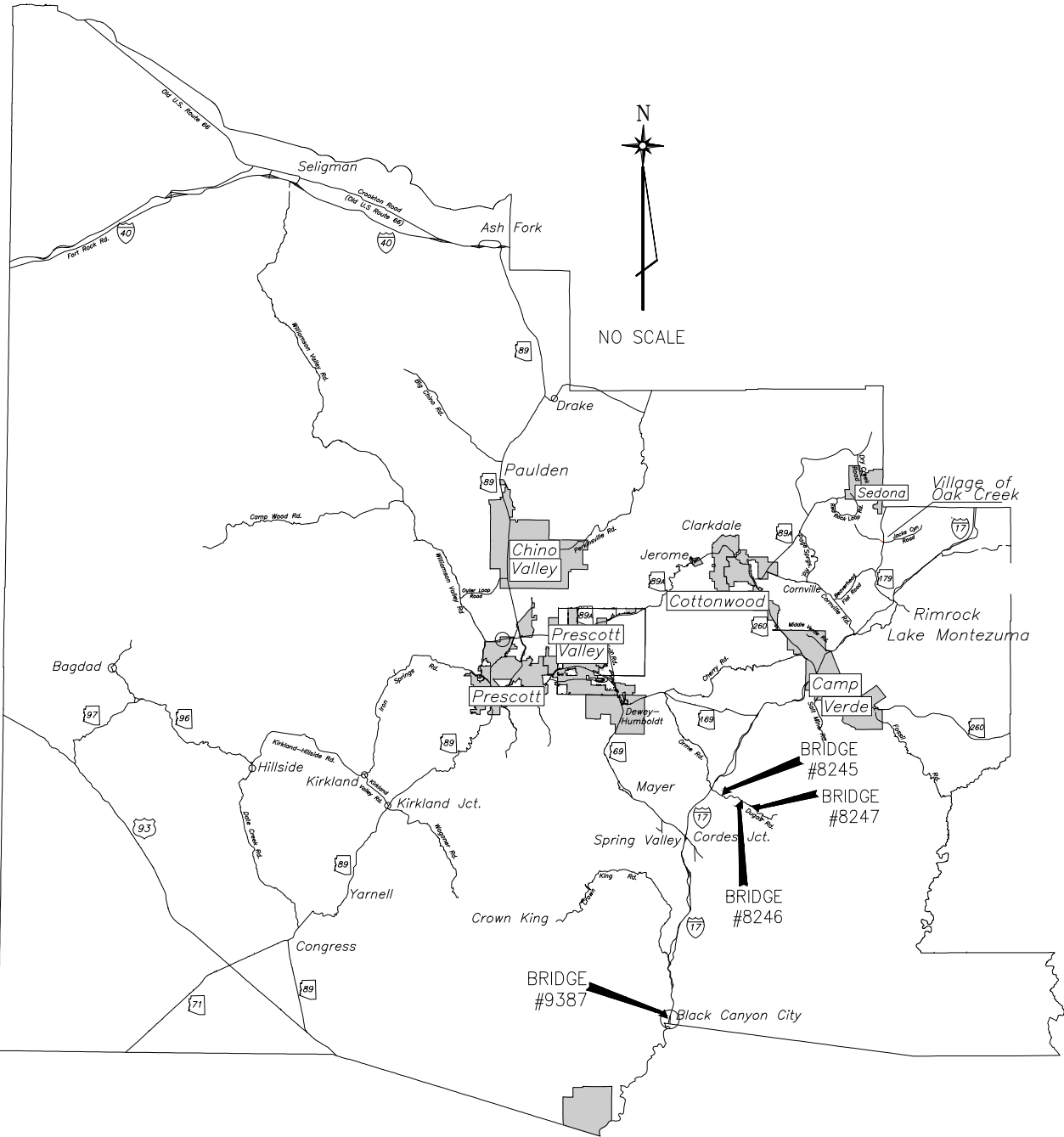


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PUBLIC WORKS DEPARTMENT

DAN CHERRY, P.E., CFM-PUBLIC WORKS DIRECTOR
1100 COMMERCE DR. PRESCOTT, ARIZONA 86305
928-771-3183 (FAX 928-771-3167)



YAVAPAI COUNTY REGIONAL MAP

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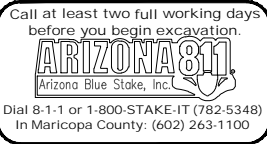
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4	BRIDGE EPOXY CHIP SEAL PLAN

FY 24/25 EPOXY CHIP SEAL PROJECT-ENGINEER'S ESTIMATE		
DESCRIPTION	QUANTITY	UNIT
PREPARE CONCRETE DECK BY SHOT BLASTING	12,716	SF
SINGLE EPOXY CHIP SEAL COAT	12,716	SF
BRIDGE DECK CONCRETE SPALL REPAIR	20	SF
PERMANENT PAVEMENT MARKINGS - WHITE (4" EQUIV.)	1,837	LF
PERMANENT PAVEMENT MARKINGS - YELLOW (4" EQUIV.)	2,045	LF
DECK JOINT SEALANT	104	LF
MOBILIZATION	1	LS
TRAFFIC CONTROL	1	LS
FORCE ACCOUNT	1	LS



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EPOXY CHIP SEAL BRIDGE PRESERVATION PROJECT	24-23754
SHEET NAME:	DESIGN BY:
COVER	JS
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GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPORT DISCREPANCIES, IF ANY, IN THE PLANS, AND OR FIELD CONDITIONS, IMMEDIATELY TO THE ENGINEER FOR RESOLUTION PRIOR TO CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR DISCREPANCIES NOT SO REPORTED AND RESOLVED.
2. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THAT HE WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
3. CONSTRUCTION IS TO BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY LIMITS FOR THIS PROJECT. NO ADDITIONAL RIGHT-OF-WAY OR CONSTRUCTION EASEMENTS HAVE BEEN SECURED OUTSIDE THE LIMITS SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROCEED WITH CONSTRUCTION WITH THIS IN MIND AND SHALL PHASE CONSTRUCTION, AS NECESSARY, TO ACCOMODATE ANY RIGHT-OF-WAY LIMITATIONS.
4. WHERE ONLY THE HORIZONTAL LOCATION OF AN EXISTING UTILITY IS SHOWN, THE LOCATION IS APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT BLUE STAKE LAWS AND CONTACT BLUESTAKE A MINIMUM OF TWO DAYS PRIOR TO CONSTRUCTION (1-800-STAKE-IT).

EPOXY CHIP SEAL NOTES

THE CONTRACTOR SHALL PREPARE AND CLEAN THE EXISTING CONCRETE DECK, SCARIFY AND REMOVE ANY PREVIOUSLY APPLIED SURFACE TREATMENTS, AS WELL AS SHOT BLAST THE DECK SURFACE PRIOR TO EPOXY CHIP SEAL APPLICATION. SPALL REPAIR SHALL BE PERFORMED ON AGUA FRIA BRIDGE WITH LIMITS DETERMINED BY CHAIN DRAG SOUND CHECK. THE CONCRETE DECK OVERLAY SHALL BE 1/4 INCH THICK AND COMPLY WITH THE PROJECT SPECIAL PROVISIONS.

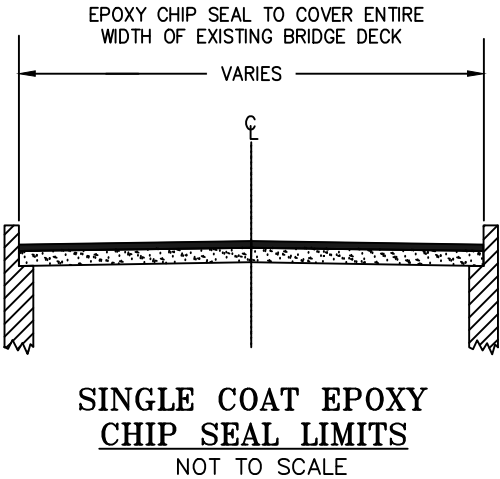
PAINT STRIPING & PAVEMENT MARKING NOTES

1. PRIOR TO EPOXY CHIP SEALING OF THE ROADWAY, THE CONTRACTOR’S SURVEYOR SHALL ESTABLISH ALL LOCATIONS FOR STRIPING, GAPS IN PAINT STRIPING, CROSS WALKS, STOP BARS, PASSING LANES, GORE AREAS, SIGNS, MARKERS AND DELINEATORS. ALL STRIPING QUANTITIES ARE BASED ON 4” EQUIVALENT STRIPES PER ADOT STANDARD SPECIFICATIONS. THE NEW PAINTED LINE WIDTHS OF ALL STRIPING SHALL MATCH THE EXISTING WIDTHS OF THE LINES IN PLACE.
2. STRIPING SHALL BE PERMANENT PAVEMENT MARKINGS (PAINT APPLICATION PER ADOT 708) AND THERMOPLASTIC (ADOT 704). SEE THE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. THE EXACT TERMINATION POINTS OF BOTH THE CL "DOUBLE YELLOW" STRIPE, AND THE "WHITE" EDGELINES, SHALL BE APPROVED BY ENGINEER. FURTHERMORE, AS DIRECTED BY THE ENGINEER, IT MAY BE NECESSARY TO EXTEND PAINT STRIPING & MARKING BEYOND THE LIMITS SHOWN DUE TO OIL TRACKING AND OBSCURING ON ADJACENT ROADWAY PAVEMENTS. IF THIS IS DONE INTO THE ADOT R.O.W., PAINT STRIPING SHALL MATCH THE WIDTH AND SPACING OF EXISTING MARKINGS.
5. STOP BAR INSTALLATION:
5.1. CASE 1 EX. STOP BAR IS UNDISTURBED – INSTALLATION SHALL OVERLAY EX. MARKING AS APPROVED BY THE ENGINEER.
5.2. CASE 2 EX. STOP BAR IS DISTURBED OR OBLITERATED – INSTALLATIONS SHALL BE PERFORMED. EXACT LOCATION OF INSTALLATION SHALL BE APPROVED BY THE ENGINEER.
6. IN GENERAL, PAINT STRIPING SHALL BE INSTALLED PER ADOT STANDARD SPECIFICATIONS, HORIZONTAL WIDTHS AND SPACINGS CAN VARY DEPENDING UPON THE RIGHT OF WAY OWNERSHIP AND APPLICATION. THE FOLLOWING ADOT STANDARD SPECIFICATIONS APPLY:
- ADOT 704 – THERMOPLASTIC PAVEMENT MARKINGS
ADOT 708 – PERMANENT PAVEMENT MARKINGS
7. THE FOLLOWING TABLE INDICATES GENERAL DIMENSIONS AND INFORMATION FOR PAINT STRIPING AND MARKINGS FOR NORMAL COUNTY PROJECTS AND ASSOCIATED ADOT PRACTICES(IF NEEDED):

TYPE	COLOR	WIDTH	HORIZ. SPACING	LONGITUDINAL SPACING	COMMENTS
CENTERLINE "DOUBLE"	YELLOW	4" (6" ADOT)	4" CLR. (6" ADOT)	N/A N/A	ADOT 708
EDGE LINE	WHITE	4" (6" ADOT)	N/A N/A	N/A N/A	ADOT 708
CHANNELIZATION (TURN POCKET)	WHITE	8" (12" ADOT)	N/A N/A	N/A N/A	ADOT 708
STOP BAR	WHITE	18" (18" ADOT)	N/A N/A	N/A N/A	THERMOPLASTIC ADOT 704
ARROWS & "ONLY"	WHITE	N/A	N/A	N/A	THERMOPLASTIC ADOT 704
CROSSWALK	WHITE	12"/24"	N/A	N/A	THERMOPLASTIC ADOT 704

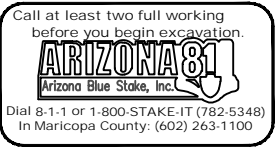
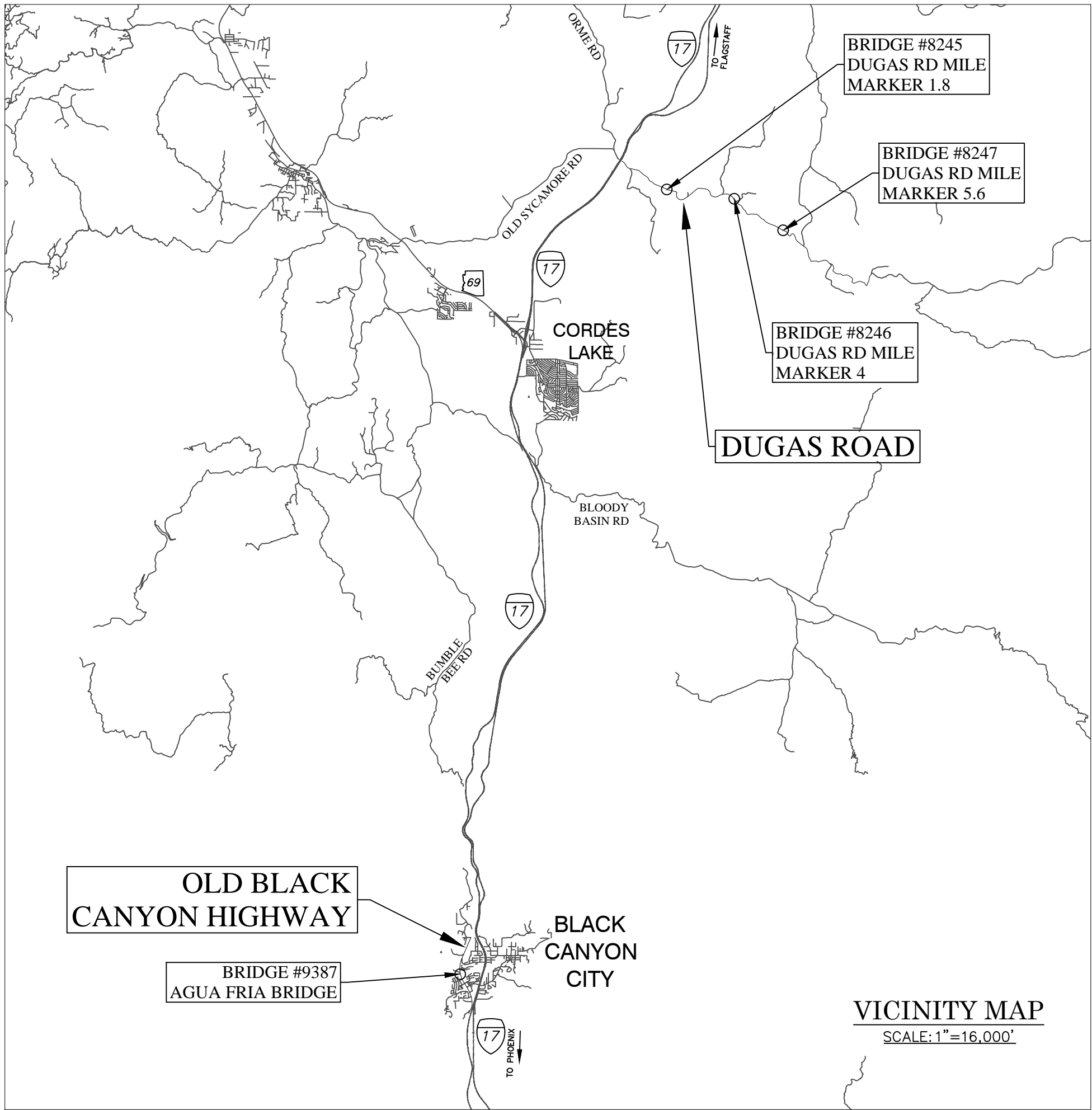
LIST OF ABBREVIATIONS

ADOT	ARIZONA DEPARTMENT OF TRANSPORTATION
AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
APN	ASSESSORS PARCEL NUMBER
AR-ACFC	ASPHALT RUBBER ASPHALTIC CONCRETE FRICTION COURSE
DWY	DRIVEWAY
EA	EACH
EOP	EDGE OF PAVEMENT
EX	EXISTING
GAL	GALLON
HZ	HORIZONTAL
ISR	IRON SPRINGS ROAD
KVR	KIRKLAND VALLEY ROAD
L	LEFT
LF	LINEAR FEET
LS	LUMP SUM
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
PVMNT	PAVEMENT
R	RIGHT
ROW	RIGHT OF WAY
SHT	SHEET
STA	STATION
SY	SQUARE YARD
TN	TON
TYP	TYPICAL (GENERALLY REPEATED WITHOUT ADDITIONAL LABELING)
W/	WITH
YC	YAVAPAI COUNTY

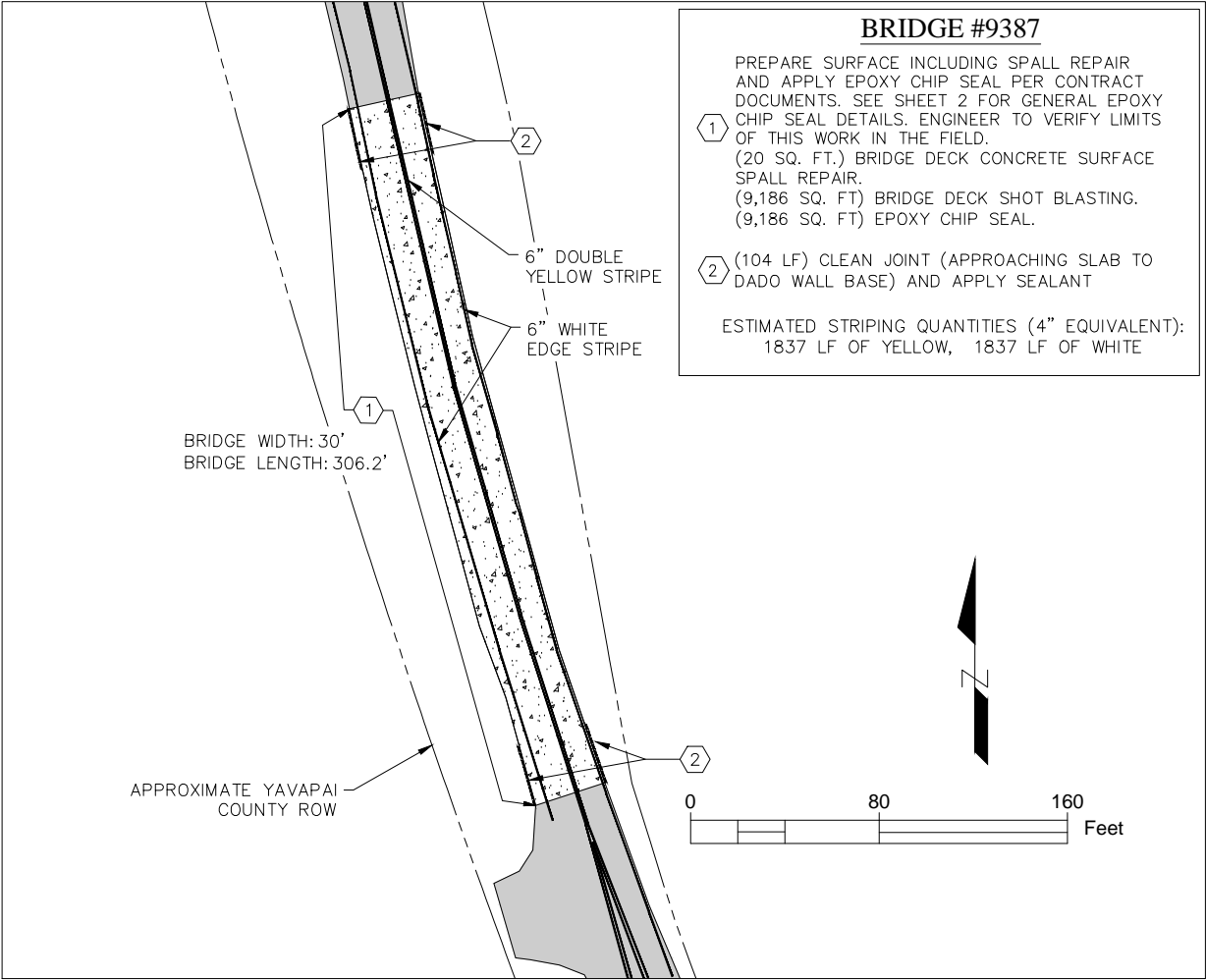
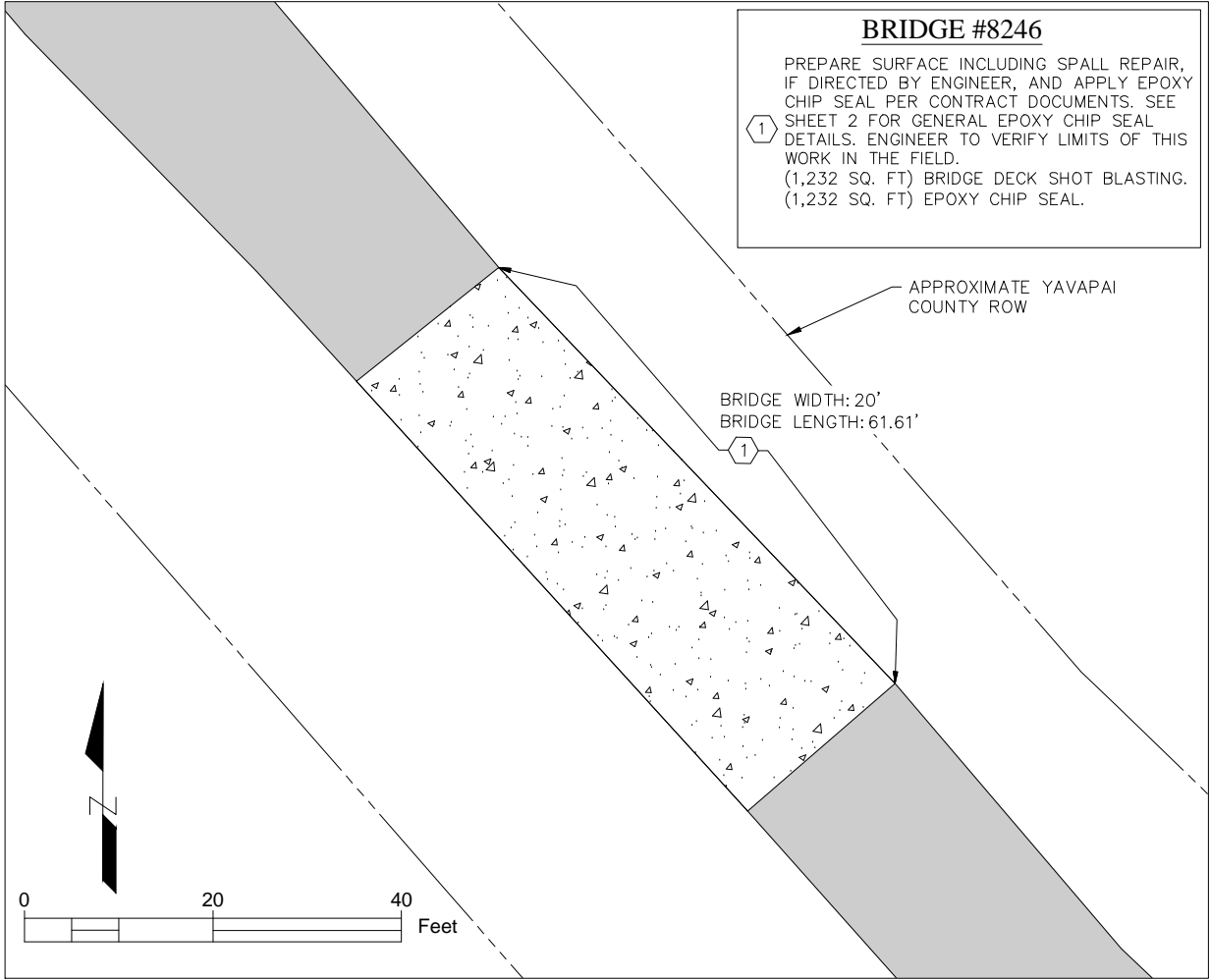
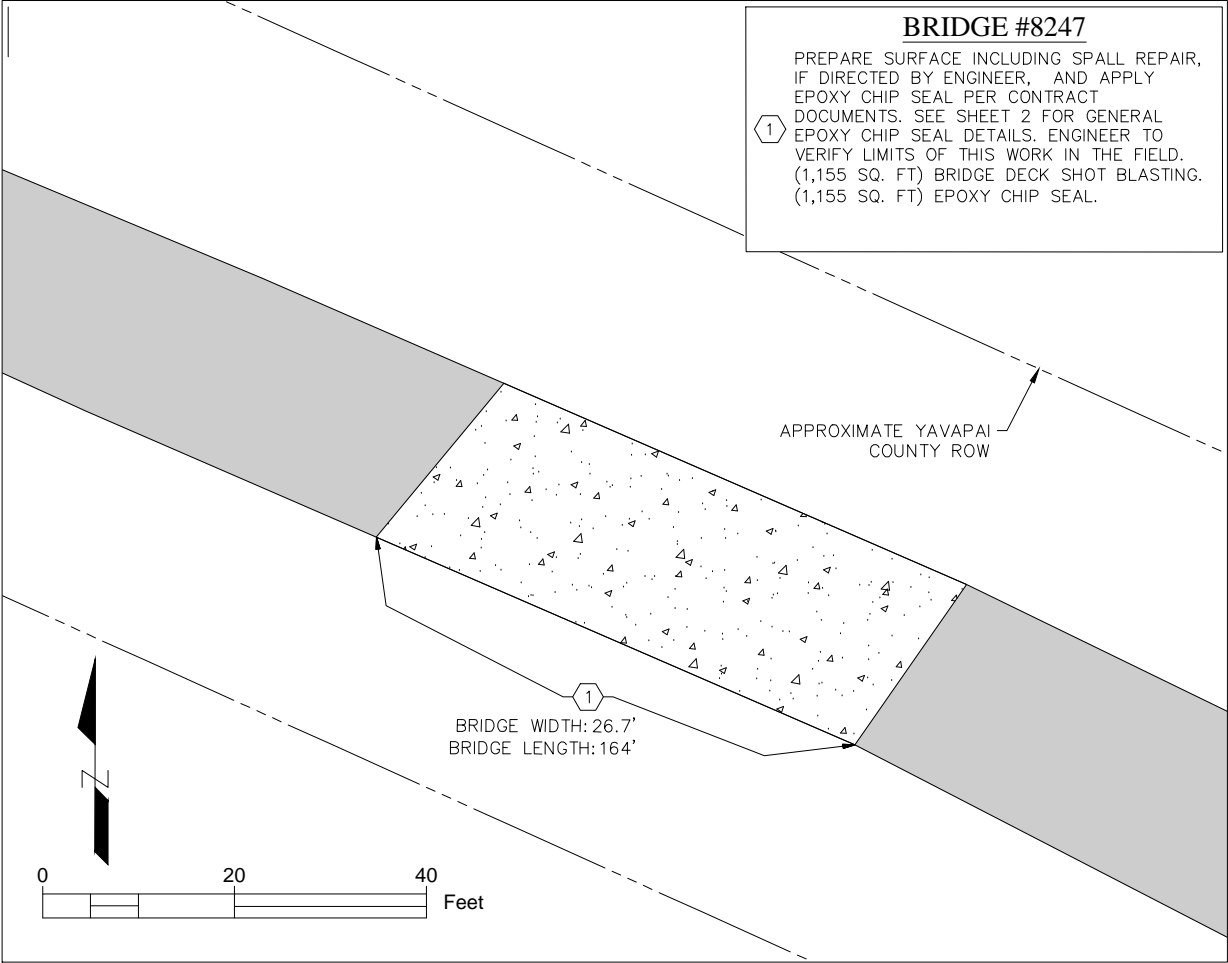
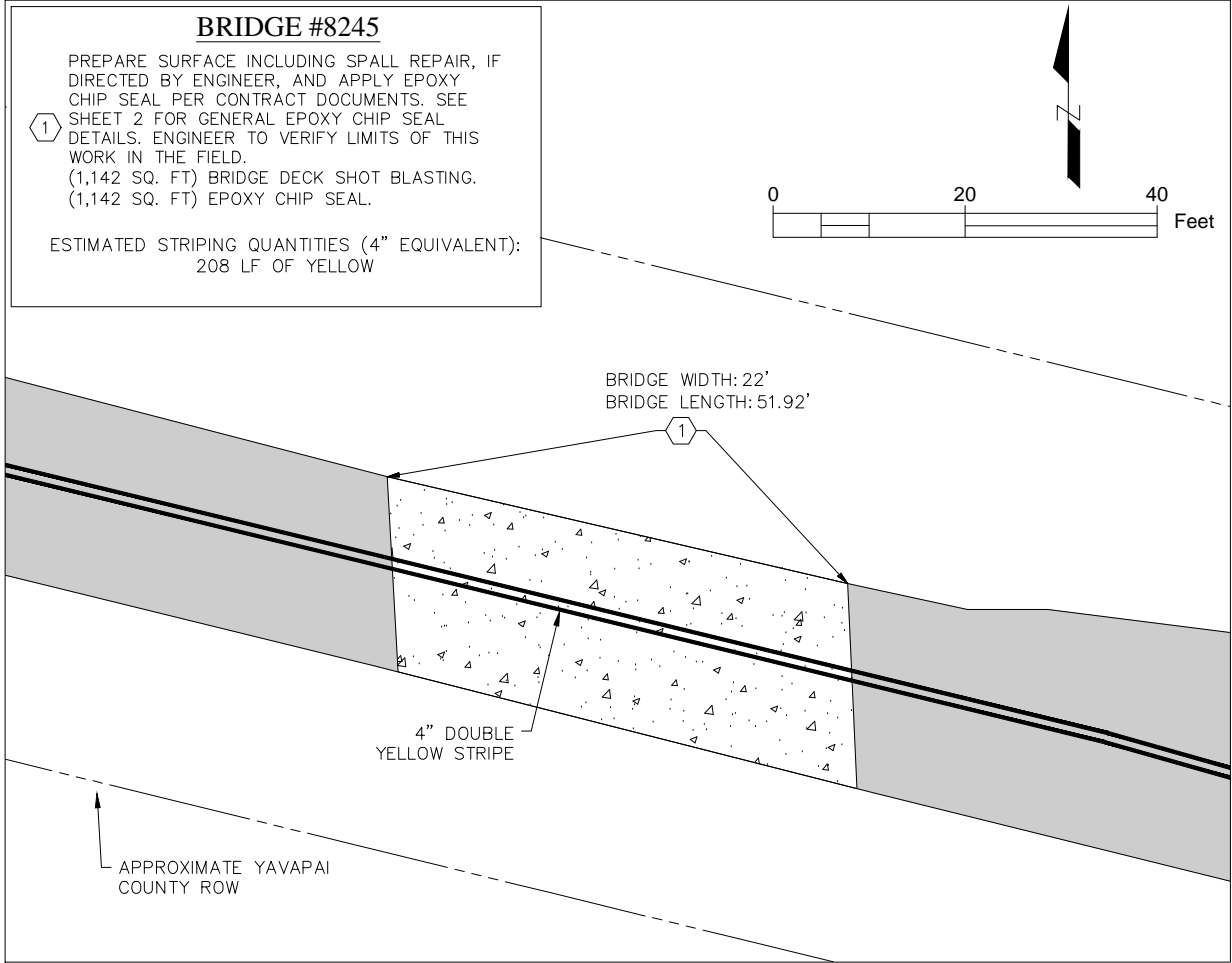


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EPOXY CHIP SEAL



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EPOXY CHIP SEAL

RESTORE PAINT STRIPING AS SHOWN ON DRAWING PER LINE TYPE/COLOR. CONTRACTOR IS RESPONSIBLE FOR LOCATING, KEEPING INVENTORY OF, AND RESTORING TO EXISTING LOCATIONS ALL PAINT STRIPING & MARKINGS. REFER TO SHEET 2 FOR THE GENERAL STRIPING NOTES.

LEGEND

- AREA TO RECEIVE EPOXY CHIP SEAL
- EXISTING UNPAVED ROADWAY SURFACE
- EXISTING PAVEMENT NOT INCLUDED IN THIS PROJECT
- STRIPING AS NOTE
- EXISTING EDGE OF PAVEMENT
- APPROXIMATE RIGHT OF WAY



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