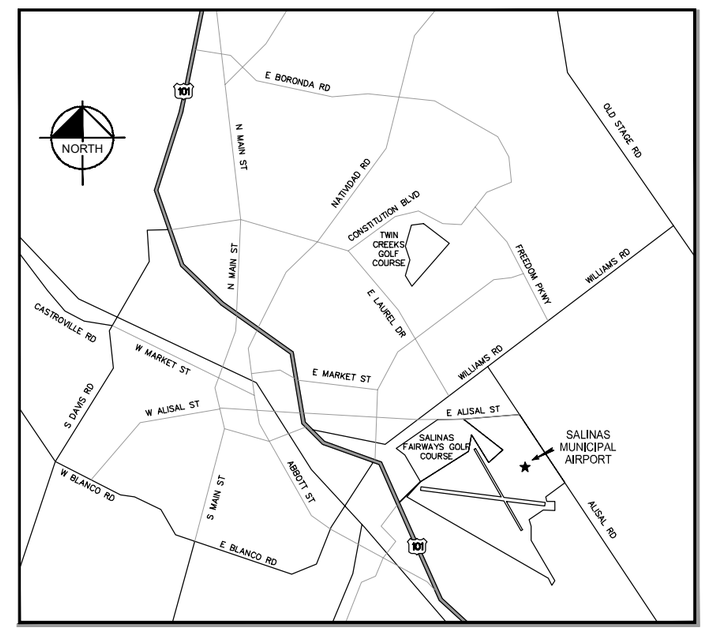
SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION

LOCATION MAP
N.T.S.

SALINAS
RICH IN LAND | RICH IN VALUES

SALINAS MUNICIPAL AIRPORT
IMPROVEMENTS
FAA AIP NO. 3-06-0206-27
CITY OF SALINAS CIP NO. 9275



CITY OF SALINAS VICINITY MAP
N.T.S.

811 Know what's below. Call before you dig.

NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

Kimley»Horn
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SALINAS MUNICIPAL AIRPORT SALINAS, CALIFORNIA

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
COVER SHEET

PROJECT NO. 094590010	
FILE NO. 94590010CV	
SHEET NO. T-0.1	TOTAL SHEETS 35

2018 Feb 28 - 10:31am E:\Vjl_aviation\094590010 - sna rwy 13-31 & 26 rehab\3_CADD\plansheets\94590010CV.dwg
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SHEET INDEX

SHEET NUMBER	SHEET TITLE
T-0.1	COVER SHEET
T-0.2	SHEET INDEX, GENERAL NOTES, LEGEND AND ABBREVIATIONS
T-0.3	PROJECT LAYOUT PLAN
T-0.4	SURVEY CONTROL PLAN
T-0.5	QUANTITIES
T-0.6	CONSTRUCTION PHASING PLAN
T-0.7	CONSTRUCTION PHASING GENERAL NOTES AND DETAILS
T-0.8	TYPICAL SECTIONS
BASE BID	
C-1.1	GEOMETRIC LAYOUT
C-1.2	GEOMETRIC LAYOUT
C-1.3	GEOMETRIC LAYOUT
C-1.4	GEOMETRIC LAYOUT
C-1.5	GEOMETRIC LAYOUT
C-2.1	PAVEMENT MARKING PLAN
C-2.2	PAVEMENT MARKING PLAN
C-2.3	PAVEMENT MARKING PLAN
C-2.4	PAVEMENT MARKING PLAN
C-2.5	PAVEMENT MARKING PLAN
C-2.6	PAVEMENT MARKING PLAN
ADDITIVE ALTERNATIVE NO. 1	
C1-1.1	GEOMETRIC LAYOUT
ADDITIVE ALTERNATIVE NO. 2	
C2-1.1	PAVEMENT ELEVATION AND PLAN AND PROFILE
ADDITIVE ALTERNATIVE NO. 3	
C3-1.1	GEOMETRIC LAYOUT
C3-1.2	GEOMETRIC LAYOUT
C3-1.3	GEOMETRIC LAYOUT
C3-1.4	GEOMETRIC LAYOUT
C3-1.5	GEOMETRIC LAYOUT
C3-1.6	GEOMETRIC LAYOUT
C3-2.1	PAVEMENT MARKING PLAN
C3-2.2	PAVEMENT MARKING PLAN
C3-2.3	PAVEMENT MARKING PLAN
C3-2.4	PAVEMENT MARKING PLAN
C3-2.5	PAVEMENT MARKING PLAN
C3-2.6	PAVEMENT MARKING PLAN
ADDITIVE ALTERNATIVE NO. 4	
C4-1.1	PAVEMENT ELEVATION AND PLAN AND PROFILE
C4-1.2	PAVEMENT ELEVATION AND PLAN AND PROFILE

GENERAL NOTES

1. CONSTRUCTION OF THIS PROJECT SHALL BE IN ACCORDANCE WITH THE FOLLOWING: THE PLANS AND SPECIFICATIONS; ALL APPLICABLE FAA STANDARDS AND SPECIFICATIONS LATEST REVISION; AND THE CITY OF SALINAS STANDARD DETAILS, LATEST REVISION. IN THE EVENT OF ANY CONFLICT BETWEEN THE CONTRACT DOCUMENTS FOR THIS PROJECT AND THE CITY OF SALINAS DETAILS, THE CONTRACT DOCUMENTS FOR THIS PROJECT SHALL PREVAIL. THE PRECEDENCE OF THE CONTRACT DOCUMENTS ARE CONTAINED IN THE SPECIAL PROVISIONS. CALCULATED DIMENSIONS WILL GOVERN OVER SCALED DIMENSIONS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL SAFETY REGULATIONS.
3. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM LOCAL GOVERNMENTS OR JURISDICTIONAL AGENCIES PRIOR TO STARTING ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PROVIDE A COPY OF ALL CONSTRUCTION PERMITS TO THE ENGINEER WITHIN SEVEN (7) DAYS OF ISSUE OF SUBJECT PERMIT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL EXISTING IMPROVEMENTS, PROPERTY AND FACILITIES. THE CONTRACTOR SHALL PROTECT CAREFULLY, FROM DAMAGE, OR DISTURBANCE, ALL LAND AND SURVEY MONUMENTS AND PROPERTY MARKERS. IF DAMAGE TO AIRPORT PROPERTY AND/OR FACILITIES DOES OCCUR AS A RESULT OF THE CONTRACTORS OPERATIONS, THE CONTRACTOR, AT HIS SOLE EXPENSE, SHALL RESTORE SUCH PROPERTY AND/OR FACILITIES TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE AND TO THE SATISFACTION OF THE ENGINEER.
5. SAFETY AND SECURITY – SAFETY AND SECURITY OF THE CONSTRUCTION OPERATIONS WITHIN THE AIRPORT OPERATIONS AREA (AOA) AND THE SAFETY AND SECURITY OF AIRCRAFT OPERATIONS THROUGH AND IN THE VICINITY OF THE CONSTRUCTION PROJECT LIMITS IS THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL COORDINATE WITH SNS OPERATIONS AND THE CITY ON ALL MATTERS RELATED TO SAFETY AND SECURITY WITHIN THE AOA. WORK SHALL NOT BE PERFORMED WITHIN THE AOA WITHOUT PRIOR COORDINATION WITH THE AIRPORT REPRESENTATIVES.
6. THE CONSTRUCTION WORK ON THIS PROJECT WILL OCCUR WITHIN AN ACTIVE AOA AND IS SUBJECT TO THE OPERATIONAL SAFETY AND SECURITY REQUIREMENTS OF SALINAS MUNICIPAL AIRPORT (SNS) AND THE FAA AS IDENTIFIED WITHIN THE CONTRACT DOCUMENTS. IN ADDITION THE CONTRACTOR SHALL COMPLY WITH ANY ADDITIONAL SAFETY AND SECURITY REQUIREMENTS NOT IDENTIFIED IN THESE CONTRACT DOCUMENTS, BUT DEEMED NECESSARY BY SNS OR THE FAA AND AT NO ADDITIONAL COST TO THE OWNER.
7. THE CONTRACTOR SHALL NOT ENTER ONTO ANY AREA OF THE AOA OUTSIDE OF THE CONSTRUCTION LIMITS, THE STAGING AREAS, OR THE DESIGNATED HAUL ROUTES WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OR SNS.
8. THE CONTRACTOR WILL BE REQUIRED TO (1) COORDINATE WITH SNS OPERATIONS AND THE FAA TOWER PERSONNEL ON ALL ITEMS RELATED TO THE AOA SAFETY AND SECURITY; AND (2) FULLY COMPLY WITH THE AIRPORT PROCEDURES AND SPECIAL REQUIREMENTS FOR AOA ACCESS, AIRPORT SECURITY TRAINING/INDUCTION, AND SECURITY BADGING. THE CONTRACTOR SHALL CARRY OUT THE WORK IN A MANNER TO MAINTAIN THE INTEGRITY OF THE AOA SECURITY AT ALL TIMES.

GENERAL NOTES (CONTINUED)

9. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION SURVEYING. EXISTING AIRPORT SURVEY MONUMENTS ARE LOCATED WITHIN THE AOA. THE CONTRACTOR SHALL, AT HIS EXPENSE, HAVE A REGISTERED LAND SURVEYOR REPLACE ANY DISTURBED MONUMENTS USING FIRST ORDER TECHNIQUES. REPLACEMENT MONUMENTS SHALL BE PLACED AT LEAST TEN-FEET (10') BUT NOT MORE THAN FIFTY-FEET (50') FROM THE ORIGINAL MONUMENT.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SERVICES OF A SUBSURFACE UTILITY LOCATE COMPANY AND LOCATE ALL EXISTING UTILITIES AND UNDERGROUND AIRPORT FACILITIES THAT MAY BE AFFECTED BY THIS PROJECT AND TO UTILITY QUALITY LEVEL 'B' PER ASCE 38-02. THE CONTRACTOR SHALL SUBSEQUENTLY EMPLOY POT-HOLE TECHNIQUES TO VERIFY EXACT LOCATIONS AND ELEVATIONS IN ACCORDANCE WITH UTILITY QUALITY LEVEL 'A' PER ASCE 38-02 PRIOR TO COMMENCING WORK. EXISTING UTILITY INFORMATION, INCLUDING LIGHTING DUCTS AND CABLES, SHOWN ON THE PLANS WAS COMPILED BASED ON UTILITY RECORDS AVAILABLE TO THE ENGINEER AND SHOULD BE TREATED AS UTILITY QUALITY LEVEL 'D' PER ASCE 38-02. A REASONABLE ATTEMPT HAS BEEN MADE TO SHOW THE LOCATIONS OF UNDERGROUND OBSTRUCTIONS, UTILITIES, AND UNDERGROUND AIRPORT FACILITIES IN THE WORK AREAS. THE UTILITIES, AND FACILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY UNDERGROUND UTILITIES, AIRPORT FACILITIES, OR OBSTACLES THAT MAY OCCUR ON THE SITE. THE OWNER AND ENGINEER BEAR NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN IN AN INCORRECT LOCATION OR ELEVATION ON THE PLANS. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE. ALL EXCAVATIONS IMMEDIATELY ADJACENT TO UTILITIES SHALL BE DONE BY HAND. UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE RESET OR RELOCATED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PROVIDE A UTILITY LOCATOR AND VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND PROCEED WITH CAUTION AROUND ANY SUCH FEATURES. THE CONTRACTOR SHALL GIVE PROPER NOTICE TO ALL UTILITY COMPANIES AND FACILITY OWNERS REGARDING REMOVAL AND RELOCATION ACTIVITIES, AND WHEN WORKING IN THE VICINITY OF UTILITY LINES AND AIRPORT FACILITIES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITY LINES OR AIRPORT FACILITIES ENCOUNTERED DURING CONSTRUCTION. ANY DAMAGE TO UTILITIES MUST BE REPAIRED IMMEDIATELY BY THE CONTRACTOR, TO THE SATISFACTION OF THE ENGINEER AND AT NO COST TO THE AIRPORT.
12. POWER, CONTROL CABLES AND FIXTURES FOR AIRFIELD LIGHTING AND NAVIGATIONAL AIDS ARE LOCATED IN THE CONSTRUCTION AREAS. THE CONTRACTORS PERSONNEL SHALL BECOME FAMILIAR WITH THESE CABLE AND FIXTURE LOCATIONS AND KEEP VEHICLES AND EQUIPMENT CLEAR FROM THEM AT ALL TIMES. CONTRACTOR SHALL ADHERE TO ANY SNS LOCKOUT/TAGOUT PROCEDURES.
13. ANY DAMAGE TO THE EXISTING AIRPORT LIGHTING SYSTEM CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPORTED TO THE OWNER IMMEDIATELY AND REPAIRED AT THE CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL NOTE IN THE RECORD DRAWINGS ALL PIPES, DUCTS AND CABLES FOUND DURING EXCAVATION AND INDICATE EXACT POSITION, ELEVATION, DIRECTION, SIZE, MATERIAL, PURPOSE AND ACTIVE STATUS IF KNOWN.
15. WASTE MATERIALS – ALL WASTE MATERIAL INCLUDING BUT NOT LIMITED TO ASPHALT, CONCRETE, RUBBLE, PAVEMENT REINFORCEMENT FABRIC AND/OR GEOGRID, AND WASTE EXCAVATION SHALL BE PROPERLY DISPOSED OF OFF AIRPORT PROPERTY AND IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. WASTE MATERIAL SHALL NOT BE WASTED OR STOCKPILED ON THE AIRPORT PROPERTY.
16. SALVAGED ITEMS – ANY SALVAGED ITEMS ARE TO REMAIN THE PROPERTY OF AIRPORT.
17. THE CONTRACTOR IS ADVISED THAT NO INVESTIGATIONS WERE CARRIED OUT ON THE EXISTING ASPHALT CONCRETE PAVEMENT TO DETERMINE IF THE PAVEMENT CONTAINS REINFORCEMENT FABRIC OR GEOGRID. IT IS THE CONTRACTORS RESPONSIBILITY TO FURTHER INVESTIGATE CONDITIONS AS IT DETERMINES NECESSARY. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR THE REMOVAL OF PAVEMENT CONTAINING REINFORCEMENT FABRIC OR GEOGRID, IT SHALL BE DEEMED INCLUDED IN THE UNIT COSTS FOR THE VARIOUS ITEMS.
18. ASPHALT MILLINGS GENERATED FROM MILLING OPERATIONS, SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
19. THE CONTRACTOR IS ADVISED THAT NO INVESTIGATIONS WERE CARRIED OUT ON THE EXISTING STORM DRAIN SYSTEM OR NAVID AND ELECTRICAL SYSTEM, AND THESE SYSTEMS MAY BE BACKFILLED WITH CONCRETE, SLURRY, CLSM OR A COMBINATION OF THE ABOVE. IT IS THE CONTRACTORS RESPONSIBILITY TO FURTHER INVESTIGATE CONDITIONS AS IT DETERMINES NECESSARY. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR CONCRETE, SLURRY, AND/OR CLSM BACKFILL REMOVAL, IT SHALL BE DEEMED INCLUDED IN THE UNIT COSTS FOR THE VARIOUS ITEMS.
20. ANY TEMPORARY STOCKPILING OF MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF WING VORTEX, PROP WASH OR JET BLAST FROM AIRCRAFT OPERATIONS, OR OTHER SURFACE WIND CURRENTS.
21. CONTRACTOR GENERATED DEBRIS, WASTE, AND LOOSE MATERIAL CAPABLE OF CAUSING DAMAGE TO AIRCRAFT LANDING GEAR, PROPELLERS, ROTORS, OR LIKELY TO BE INGESTED BY JET ENGINES SHALL NOT BE LEFT ON PAVEMENTS WITHIN THE ACTIVE MOVEMENT AREAS OF THE AOA. CONTRACTOR GENERATED DEBRIS OR MATERIAL ON PAVEMENT SURFACES WITHIN THESE AREAS SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. DURING WORKING HOURS THE CONTRACTOR SHALL MONITOR AND CONTINUOUSLY REMOVE DEBRIS AND MATERIAL FROM THESE AREAS.
22. THE CONTRACTOR SHALL CONDUCT POWER VACUUM CLEANING OF ALL AFFECTED AIRPORT PAVEMENTS INCLUDING CONSTRUCTION TRAFFIC HAUL ROUTES AND CROSSINGS AT THE END OF EACH WORK DAY, PRIOR TO THE REOPENING OF ANY PAVEMENT TO AIR TRAFFIC AND IMMEDIATELY AFTER PROJECT COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR CONTINUOUS DAILY CLEAN UP OF THE WORK AREAS.
23. THE CONTRACTOR SHALL COMPLETE CLEAN UP AND RESTORATION OF THE ENTIRE PROJECT AREA, INCLUDING ALL STAGING AND STORAGE AREAS, AS APPROVED BY THE ENGINEER, WITHIN FIFTEEN DAYS OF PROJECT SUBSTANTIAL COMPLETION DATE.
24. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COMPARE THE EXISTING SITE CONDITIONS WITH THE PLANS AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES OBSERVED. SHOULD ANY GRADE OR DESIGN INDICATED ON THE PLANS BE SUSPECTED TO BE IN ERROR, THE ENGINEER SHALL BE NOTIFIED OF SAID AREA AT LEAST FORTY-EIGHT HOURS BEFORE CONSTRUCTION IS SCHEDULED TO BEGIN. IF THE ENGINEER IS NOT NOTIFIED PRIOR TO THE START OF CONSTRUCTION, ANY DISCREPANCIES AND ASSOCIATED COSTS SUBSEQUENTLY FOUND SHALL BE DEEMED TO BE THE SOLE RESPONSIBILITY OF CONTRACTOR.
25. THE OWNER RESERVES THE RIGHT TO MAKE REVISIONS TO THE FINISHED ELEVATIONS AND GRADIENTS. IF CHANGES ARE NECESSARY, THE OWNER WILL FURNISH A REVISED GRADING AND/OR PAVING PLAN. UNIT PRICES SHALL GOVERN FOR ANY REVISED QUANTITIES.
26. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL UTILITIES AND HOOKUPS FOR THE CONTRACTORS STAGING AREA, THE ENGINEER'S FIELD OFFICE, AND THE MATERIAL TESTING LABORATORY. REQUIRED UTILITIES FOR THE CONTRACTORS OPERATIONS SHALL BE ARRANGED AND PAID FOR BY THE CONTRACTOR, IF REQUIRED DIRECTLY TO THE APPROPRIATE UTILITY.
27. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE THE AVAILABILITY OF AN ADEQUATE SUPPLY OF SUITABLE WATER FOR THE CONSTRUCTION. THE CONTRACTOR SHALL SECURE AND MAKE ALL ARRANGEMENTS NECESSARY FOR THE PURCHASE OF WATER FOR THE CONSTRUCTION, AND TO OBTAIN ALL NECESSARY PERMITS, AND PROVIDE ALL NECESSARY FACILITIES TO FURNISH WATER FOR USE DURING THE CONSTRUCTION. NO ADDITIONAL PAYMENT OR MEASUREMENT WILL BE MADE FOR PROVIDING WATER FOR THE CONSTRUCTION, IT SHALL BE AT THE CONTRACTOR'S SOLE EXPENSE.
28. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FIRE HYDRANTS AT ALL TIMES.
29. THE CONTRACTOR SHALL NOT DRAW CONSTRUCTION WATER FROM ANY FIRE HYDRANT FOR USE DURING THE PROJECT WITHOUT FIRST OBTAINING A WRITTEN PERMIT FOR THE WATER METER FROM THE WATER COMPANY.
30. THE CONTRACTOR SHALL APPLY WATER, CHEMICALS, VEGETATION OR OTHER MATERIALS WHEN THE ENGINEER DEEMS NECESSARY TO PREVENT THE OCCURRENCE OF DUST WHICH IS OBJECTIONABLE FOR AIRCRAFT OPERATIONS AND OTHER USERS OF THE AREA INCLUDING BUT NOT LIMITED TO SNS OPERATIONS, AIRCRAFT OPERATIONS AND LAND SIDE OPERATIONS. ALL COSTS FOR CONTROLLING CONSTRUCTION DUST OR POLLUTANTS FROM THE CONTRACTORS OPERATIONS SHALL BE INCIDENTAL TO THE CONTRACT.
31. THE CONTRACTOR IS REQUIRED TO PROVIDE ADEQUATE LIGHTING FOR CONSTRUCTION OF ALL WORK AREAS DURING THE HOURS OF DARKNESS, REDUCED VISIBILITY, OR AS REQUIRED BY THE SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER. COSTS FOR SAID LIGHTING SHALL BE INCIDENTAL TO THE CONTRACT.
32. THE CONTRACTOR'S SUPERINTENDENT SHALL BE ON THE CONSTRUCTION SITE AT ALL TIMES WHEN WORK IS BEING CARRIED OUT AND THE CONTRACTORS SUPERINTENDENT, OR AN APPROVED DESIGNEE, SHALL BE ON-CALL AND AVAILABLE IN CASE OF EMERGENCIES ON A TWENTY-FOUR-HOUR DAILY BASIS FOR THE DURATION OF THE PROJECT. THE CONTRACTOR'S SUPERINTENDENT SHALL BE DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE REPRESENTATIVE.

LEGEND

AIRPORT PROPERTY LINE
12+00 CENTERLINE AND STATIONING
RSA RUNWAY SAFETY AREA
TSA TAXIWAY SAFETY AREA
ROFA RUNWAY OBJECT FREE AREA
TOFA TAXIWAY OBJECT FREE AREA
ROFZ RUNWAY OBSTACLE FREE ZONE
X X EXISTING FENCE
W EXISTING WATER MAIN
SS EXISTING SANITARY SEWER
EXISTING STORM DRAIN
FAA FAA COMMUNICATIONS/POWER
APPROXIMATE GRADING LIMITS
SAWCUT
HAUL ROUTE
A / C-X.X SECTION OR DETAIL IDENTIFIER
SHEET ON WHICH SECTION OR DETAIL IS DRAWN

TRAFFIC SIGN POST
SURVEY MONUMENT
CORE # BORING/CORE LOCATION AND DEPTH
STORM DRAIN INLET
STORM SEWER MANHOLE
BURIED STORM SEWER MANHOLE
SANITARY SEWER MANHOLE
T TELEPHONE MANHOLE
E ELECTRICAL MANHOLE
WATER METER
WATER VALVE

EXISTING	PROPOSED	FEATURE
		EDGE OF PAVEMENT
15	15	MAJOR CONTOUR
		MINOR CONTOUR
		FLOW LINE
		DIRECTION OF FLOW
(ELEV) DESC	ELEV DESC	ELEVATIONS
+ (82.1)	+ 82.16	SPOT ELEVATION
		RUNWAY/TAXIWAY EDGE LIGHT
		AIRPORT SIGN

PAVING LEGEND

BITUMINOUS CONCRETE PAVEMENT/MILL AND FILL
SEE SHEET T-0.8 FOR PAVEMENT SECTIONS

BITUMINOUS CONCRETE PAVEMENT/MILL AND OVERLAY
SEE SHEET T-0.8 FOR PAVEMENT SECTIONS

BITUMINOUS CONCRETE PAVEMENT/MILL AND VARIABLE DEPTH
SEE SHEET T-0.8 FOR PAVEMENT SECTIONS

ABBREVIATIONS

∠	ANGLE	FG	FINISHED GRADE	PVC	POLYVINYL CHLORIDE or POINT OF VERTICAL CURVATURE
@	AT	FL	FLOW LINE	PVMT	PAVEMENT
Δ	DELTA	FNC	FENCE	PVT	POINT OF VERTICAL TANGENCY
Ø	DIAMETER	FO	FIBER OPTIC	Q	QUANTITY OF DRAINAGE RUNOFF
#	NUMBER	FT	FOOT or FEET	R	RADIUS
%	PERCENT	G	GUTTER or GAS LINE	RCP	REINFORCED CONCRETE PIPE
A	ANGLE	GB	GRADE BREAK	RD	ROAD
AB or ABC	AGGREGATE BASE COURSE	GP	GRATE INLET PROTECTION	RDWY	ROADWAY
AC	ASPHALTIC CONCRETE	GR	GRADE OR GRATE	REF	REFERENCE
Ac	ACRE	HDPE	HIGH DENSITY POLYETHYLENE PIPE	REIL	RUNWAY END IDENTIFIER LIGHTS
ACP	ASBESTOS CEMENT PIPE	HT/HGT	HEIGHT	REINF	REINFORCED
AOA	AIR OPERATIONS AREA	HORIZ	HORIZONTAL	REQ	REQUIRED
APPROX	APPROXIMATE	HP	HIGH POINT	REV	REVISED OR REVISION
ARRA	AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009	ID	INSIDE DIAMETER	RGRCP	RUBBER GASKET REINFORCED CONCRETE PIPE
ARFF	AIR RESCUE AND FIREFIGHTING	INCL	INCLUDED	R	RIGHT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	IN	INCH OR INCHES	RSA	RUNWAY SAFETY AREA
ATCT	AIR TRAFFIC CONTROL TOWER	INV	INVERT	ROFA	RUNWAY OBJECT FREE AREA
BC	BEGIN CURVE	JT	JOINT	ROFZ	RUNWAY OBSTACLE FREE ZONE
BLDG	BUILDING	L	LEFT or LENGTH	ROW	RIGHT-OF-WAY
BM	BENCH MARK	LAT	LATITUDE	R/W	RUNWAY
BMP	BEST MANAGEMENT PRACTICES	LF	LINEAR FOOT	S	SOUTH
BOT	BOTTOM	LONG	LONGITUDE	SD	STORM DRAIN
CB	CATCH BASIN	LS	LUMP SUM	SE	SOUTHEAST
CF	CUBIC FOOT	MAX	MAXIMUM	SEC	SECTION
CFR	CODE OF FEDERAL REGULATIONS	MH	MANHOLE	SF	SQUARE FEET
CIP	CAST IN PLACE	MIN	MINIMUM	SHT	SHEET
CL or ℄	CENTER LINE	MIRL	MEDIUM INTENSITY RUNWAY LIGHTS	SNS	SALINAS MUNICIPAL AIRPORT
CLSM	CONTROLLED LOW STRENGTH MATERIAL	MITL	MEDIUM INTENSITY TAXIWAY LIGHTS	MON	MONUMENT
CMP	CORRUGATED METAL PIPE	MISC	MISCELLANEOUS	SPA	SPACING
CO	COUNTY	MPH	MILES PER HOUR	SPEC	SPECIFICATIONS
CONC	CONCRETE	MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES	SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
CONN	CONNECT/CONNECTING	N	NORTH	SQ	SQUARE
CONST	CONSTRUCTION	NAP	NOT A PART	SS	SANITARY SEWER
COR	CORNER	NE	NORTHEAST	ST	STREET
COS	CITY OF SALINAS	NGS	NATIONAL GEODETIC SURVEY	STA	STATION
CP	CONCRETE PIPE	NPI	NON-PAY ITEM	STD	STANDARD
CTR	CENTER	No.	NUMBER	SW	SOUTHWEST
CY	CUBIC YARDS	NOTAM	NOTICE TO AIRMEN	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
D	DEGREE OF CURVE	NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	SY	SQUARE YARD
DEPT	DEPARTMENT	N.T.S.	NOT TO SCALE	T	TANGENT (CURVE DATA)
DTL	DETAIL	NW	NORTHWEST	TBA	TO BE ABANDONED
DIA	DIAMETER	OC	ON CENTER	TEL	TELEPHONE
DIM	DIMENSION	OD	OUTSIDE DIAMETER	TEMP	TEMPORARY
DIP	DUCTILE IRON PIPE	OFA	OBJECT FREE AREA	TOFA	TAXIWAY OBJECT FREE AREA
DWG	DRAWING	PAPI	PRECISION APPROCH PATH INDICATOR	TP	TOP OF PAVEMENT
E	EAST	PC	POINT OF CURVATURE	TSA	TAXIWAY SAFETY AREA
EA	EACH	PCC	POINT OF COMPOUND CURVATURE	TYP	TYPICAL
ELEC	ELECTRIC or ELECTRICAL	PCCP	PORTLAND CEMENT CONCRETE PAVEMENT	T/W or TWY	TAXIWAY
(E), EL or ELEV	ELEVATION	PI	POINT OF INTERSECTION	VCP	VITRIFIED CLAY PIPE
EP	EDGE OF PAVEMENT	PLS	PROFESSIONAL LAND SURVEYOR	W	WEST
ESMT	EASEMENT	POC	POINT OF CONNECTION	W/	WITH
EW	EACH WAY	PRC	POINT OF REVERSE CURVATURE	WM	WATER METER
EX or EXIST	EXISTING	PROP	PROPOSED	WV	WATER VALVE
FAA	FEDERAL AVIATION ADMINISTRATION	PRVC	POINT OF REVERSE VERTICAL CURVATURE	WWF	WELDED WIRE FABRIC
FOD	FOREIGN OBJECT DEBRIS	PSI	POUNDS PER SQUARE INCH		
FND	FOUND	PT	POINT OF TANGENCY		
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY				

811 Know what's below. Call before you dig.

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BASE BID
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON TWY D
ADDITIVE ALTERNATIVE NO. 2
MILL AND FILL PAVEMENT ON TWY D

BASE BID
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON RWY 13-31

ADDITIVE ALTERNATIVE NO. 1
FULL DEPTH RUNWAY TRENCH REPAIR
ADDITIVE ALTERNATIVE NO. 3
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON RWY
8-26

ADDITIVE ALTERNATIVE NO. 3
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON TWY P
ADDITIVE ALTERNATIVE NO. 4
MILL AND OVERLAY PAVEMENT ON TWY P

ADDITIVE ALTERNATIVE NO. 3
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON TWY J
ADDITIVE ALTERNATIVE NO. 4
MILL AND OVERLAY PAVEMENT ON TWY J

ADDITIVE ALTERNATIVE NO. 3
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON RWY 8-26

ADDITIVE ALTERNATIVE NO. 3
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON RWY 8-26

ADDITIVE ALTERNATIVE NO. 3
ASPHALT SURFACE TREATMENT AND
RE-INSTALL PAVEMENT MARKINGS ON
TWY D AND TWY G

ADDITIVE ALTERNATIVE NO. 4
MILL AND FILL PAVEMENT ON TWY D; MILL
AND OVERLAY PAVEMENT ON TWY G

SKYWAY BLVD
TERMINAL
TWY E
TWY F
TWY D
TWY A
TWY A
TWY P
ALISAL RD
AIRPORT BLVD
TWY H
TWY C
TWY K
TWY J
TWY L
TWY G
TWY P
RUNWAY 13-31
RUNWAY 8-26
TWY B
MOFFETT STREET
ATCT
ELEC VAULT
AND GENERATOR
ROFA
ROFZ
RSA

LEGEND

- BASE BID
- ADDITIVE ALTERNATIVE NO. 1
- ADDITIVE ALTERNATIVE NO. 2
- ADDITIVE ALTERNATIVE NO. 3
- ADDITIVE ALTERNATIVE NO. 4

NORTH

GRAPHIC SCALE IN FEET
0 125 250 500

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
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REGISTERED PROFESSIONAL ENGINEER ROBERT J. HANLON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS
MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PROJECT LAYOUT PLAN

PROJECT NO. 094590010
FILE NO. 94590010PL
SHEET NO. T-0.3
TOTAL SHEETS 35

2018 Feb 28 – 10:32am K:\Jt_division\094590010 – sns rwy 13-31 8-26 rehab\13_CADD\plansheets\94590010PL.dwg
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RUNWAY END POINT DATA

NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION	RWY	RWY STATIONING
8	2134915.47	5793745.77	69.61'	FD NGS MAG TAG	8–26	10+00.00
26	2134039.70	5799684.69	83.83'	FD NAIL		70+03.13
13	2136919.50	5796304.02	84.50'	FD MAG NGS	13–31	10+00.00
31	2132766.87	5798762.05	–	–		58+25.58

SURVEY

SURVEY PREPARED FOR: KIMLEY–HORN AND ASSOCIATES, INC.
SURVEY DATE: OCTOBER 2017
SURVEY PREPARED BY: FLIGHTLINE GEOMATICS
LAND SURVEYING & GIS
PO BOX 2073
SANTA MARIA, CA 93457
(805) 316–0201
CONTACT: JOSHUA J. FORD, PLS

CONTROL POINT DATA

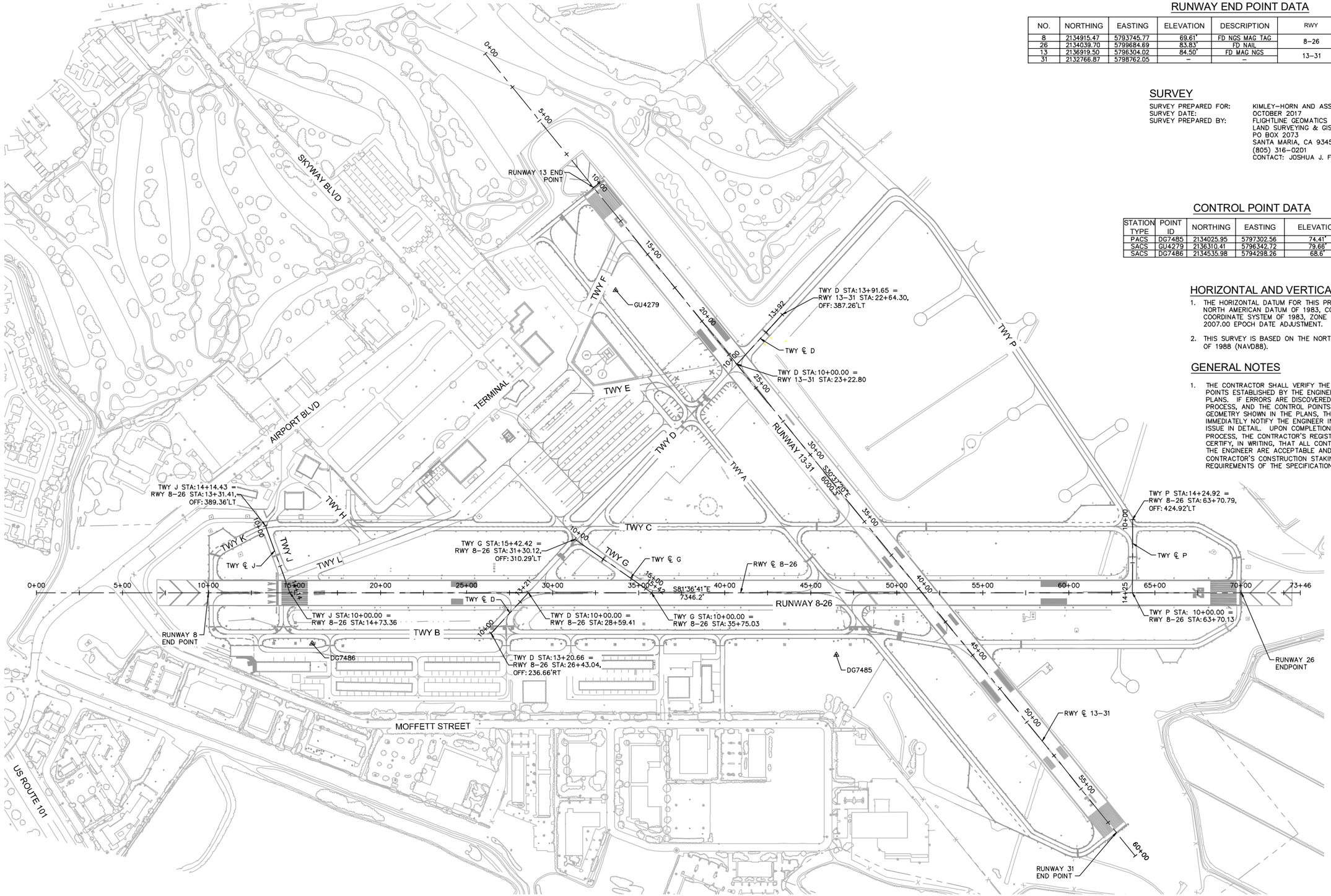
STATION TYPE	POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
PACS	DG7485	2134025.95	5797302.56	74.41'	NGS MONUMENT
SACS	GU4279	2136310.41	5796342.72	79.66'	NGS MONUMENT
SACS	DG7486	2134535.98	5794298.26	68.6'	NGS MONUMENT

HORIZONTAL AND VERTICAL CONTROL

1. THE HORIZONTAL DATUM FOR THIS PROJECT IS BASED ON THE NORTH AMERICAN DATUM OF 1983, CONVERTED TO THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 4, SURVEY FEET UNITS, 2007.00 EPOCH DATE ADJUSTMENT.
2. THIS SURVEY IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL CONTROL POINTS ESTABLISHED BY THE ENGINEER AS SHOWN ON THESE PLANS. IF ERRORS ARE DISCOVERED DURING THIS VERIFICATION PROCESS, AND THE CONTROL POINTS DO NOT AGREE WITH THE GEOMETRY SHOWN IN THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING, EXPLAINING THE ISSUE IN DETAIL. UPON COMPLETION OF THIS VERIFICATION PROCESS, THE CONTRACTOR'S REGISTERED LAND SURVEYOR SHALL CERTIFY, IN WRITING, THAT ALL CONTROL POINTS ESTABLISHED BY THE ENGINEER ARE ACCEPTABLE AND ADEQUATE TO ALLOW THE CONTRACTOR'S CONSTRUCTION STAKING TO MEET THE ACCURACY REQUIREMENTS OF THE SPECIFICATIONS.



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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
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Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
SURVEY CONTROL PLAN

PROJECT NO.
FILE NO.
SHEET NO. T-0.4
TOTAL SHEETS 35

2018 Feb 28 – 10:32am K:\AIR_Aviation\095650010 – sns rwy 13-31 & 8-26 rehab\13-JAN\Survey\Arcmap\945500101.dwg
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BASE BID (RUNWAY 13-31 REHABILITATION)

Item No.	SPEC No.	DESCRIPTION	UNIT	QUANTITY
1	GP-105-2.1	MOBILIZATION\DEMOBILIZATION (5% MAX OF BASE BID)	LS	1
2	P-101-5.2	PAINT REMOVAL	SF	101,700
3	P-110-3.1	CONTRACTOR QUALITY CONTROL (2% MAX OF BASE BID)	LS	1
4	P-110-3.2	CONSTRUCTION SURVEY AND STAKING	LS	1
5	P-148-4.1	AIRFIELD CONSTRUCTION AREA CONTROL	LS	1
6	P-148-4.2	SWEEPERS AND FOD CONTROL	LS	1
7	P-156-5.1	PREPARE AND IMPLEMENT THE BEST MANAGENEMT PLAN AND MEASURES	LS	1
8	P-411-5.1	HOT POURED CRACK SEALING	LF	49,200
9	P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (WITH AGGREGATE & CFME FRICTION TESTING)	SY	102,000
10	P-620-5.1	RUNWAY AND TAXIWAY PAINTING	SF	101,700
11	P-620-5.2	TEMPORARY MARKING	SF	57,922

ADDITIVE ALTERNATIVE 1 (RWY 8-26 FULL DEPTH TRENCH REPAIR)

Item No.	SPEC No.	DESCRIPTION	UNIT	QUANTITY
12	GP-105-2.1	MOBILIZATION\DEMOBILIZATION (5% MAX OF ADD ALT NO. 1)	LS	1
13	P-101-5.2	PAINT REMOVAL	SF	(710)
14	P-110-3.1	CONTRACTOR'S QUALITY CONTROL (2% MAX OF ADD ALT NO. 1)	LS	1
15	P-120-4.1	SAW CUT	LF	500
16	P-152-4.1	UNCLASSIFIED EXCAVTION	CY	560
17	P-153-6.1	CONTROLLED LOW-STRENGTH MATERIAL	CY	560
18	P-401-8.1a	BITUMINOUS SURFACE COURSE	TON	480
19	P-603-5.1	BITUMINOUS TACK COAT	GAL	130
20	P-605-5.1	ASPHALT COLD JOINT ADHESIVE	LF	405
21	FIXED PRICE	UTILITY INVESTIGATION	AL	1

ADDITIVE ALTERNATIVE 2 (TWY D REHABILITATION)

Item No.	SPEC No.	DESCRIPTION	UNIT	QUANTITY
22	GP-105-2.1	MOBILIZATION\DEMOBILIZATION (5% MAX OF ADD ALT NO. 2)	LS	1
23	P-101-5.2	PAINT REMOVAL	SF	(700)
24	P-101-5.3	COLD MILLING, 0-3 INCHES	SY	1,460
25	P-110-3.1	CONTRACTOR'S QUALITY CONTROL (2% MAX OF ADD ALT NO. 2)	LS	1
26	P-120-4.1	SAW CUT	LF	425
27	P-401-8.1a	BITUMINOUS SURFACE COURSE	TON	230
28	P-603-5.1	BITUMINOUS TACK COAT	GAL	220
29	P-605-5.1	ASPHALT COLD JOINT ADHESIVE	LF	425
30	P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (WITH AGGREGATE & CFME FRICTION TESTING)	SY	(1,460)

ADDITIVE ALTERNATIVE 3 (RUNWAY 8-26 REHABILITATION)

Item No.	SPEC No.	DESCRIPTION	UNIT	QUANTITY
31	GP-105-2.1	MOBILIZATION\DEMOBILIZATION (5% MAX OF ADD ALT NO. 3)	LS	1
32	P-101-5.2	PAINT REMOVAL	SF	121,100
33	P-110-3.1	CONTRACTOR QUALITY CONTROL (2% MAX OF ADD ALT NO. 3)	LS	1
34	P-110-3.2	CONSTRUCTION SURVEY AND STAKING	LS	1
35	P-148-4.1	AIRFIELD CONSTRUCTION AREA CONTROL	LS	1
36	P-148-4.2	SWEEPERS AND FOD CONTROL	LS	1
37	P-156-5.1	PREPARE AND IMPLEMENT THE BEST MANAGENEMT PLAN AND MEASURES	LS	1
38	P-411-5.1	HOT POURED CRACK SEALING	LF	57,500
39	P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (WITH AGGREGATE & CFME FRICTION TESTING)	SY	116,400
40	P-620-5.1	RUNWAY AND TAXIWAY PAINTING	SF	107,100
41	P-620-5.2	TEMPORARY MARKING	SF	58,300

ADDITIVE ALTERNATIVE 4 (TWY J, TWY D, TWY G, TWY P REHABILITATION)

Item No.	SPEC No.	DESCRIPTION	UNIT	QUANTITY
42	GP-105-2.1	MOBILIZATION\DEMOBILIZATION (5% MAX OF ADD ALT NO. 4)	LS	1
43	P-101-5.2	PAINT REMOVAL	SF	(4,111)
44	P-101-5.3	COLD MILLING, 0-3 INCHES	SY	6,150
45	P-110-3.1	CONTRACTOR'S QUALITY CONTROL (2% MAX OF ADD ALT NO. 4)	LS	1
46	P-120-4.1	SAW CUT	LF	1,350
47	P-208-5.1	PROCESSED MISCELLANEOUS BASE	SY	725
48	P-401-8.1a	BITUMINOUS SURFACE COURSE	TON	990
49	P-602-5.1	BITUMINOUS PRIME COAT	GAL	915
50	P-603-5.1	BITUMINOUS TACK COAT	GAL	930
51	P-605-5.1	ASPHALT COLD JOINT ADHESIVE	LF	1,350
52	P-608-8.1	EMULSIFIED ASPHALT SEAL COAT (WITH AGGREGATE & CFME FRICTION TESTING)	SY	(6,150)

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
QUANTITIES

PROJECT NO. 094590010
FILE NO. 945900100
SHEET NO. T-0.5
TOTAL SHEETS 35

PHASING NOTES

ITEMS TO BE TEMPORARILY INSTALLED, AND MARKINGS TO BE OBLITERATED.

1. TYPE 1 LOW PROFILE BARRICADE, LOCATION FOR PHASE AND SCHEDULE AS NOTED (SEE DETAIL 1 ON SHEET T-0.7)
2. LIGHTED "X" RUNWAY CLOSURE SIGNAL, SCHEDULE AS NOTED (SEE DETAIL 2 ON SHEET T-0.7)
3. TEMPORARY OBLITERATION OF PAVEMENT MARKING, PHASE AS NOTED
4. HAUL ROUTE

GENERAL NOTES

1. THE EXACT LOCATION AND LIMITS OF THE TYPE 1 LOW PROFILE BARRICADES AS SHOWN ON THIS SHEET MAY BE MODIFIED IN THE FIELD BY THE ENGINEER AS NEEDED AND AT NO ADDITIONAL COST TO THE OWNER.
2. RUNWAY 8-26, RUNWAY 13-31, AND ALL MOVEMENT AREAS WITHIN THE AOA WHICH ARE NOT DESIGNATED TO BE CLOSED TO AIRCRAFT TRAFFIC SHALL REMAIN OPEN TO AIRCRAFT OPERATIONS AT ALL TIMES DURING CONSTRUCTION.
3. THE P-608 TEST SECTION LOCATION(S) SHALL BE DETERMINED BY THE ENGINEER. NO WORK SHALL BE PERMITTED UNTIL THE TEST SECTION(S) HAS BEEN TESTED AND DEEMED ACCEPTABLE BY THE ENGINEER. IF THE BASE BID AND ADDITIVE ALTERNATIVE NO. 3 ARE BOTH AWARDED, A P-608 TEST SECTION SHALL BE PERFORMED ON BOTH RUNWAYS.
4. THE CONTRACTOR SHALL PERFORM THE WORK IN A MANNER THAT FACILITATES ACCESS FOR AIRCRAFT TO THE HANGERS AT ALL TIMES DURING THE CONSTRUCTION.

LEGEND

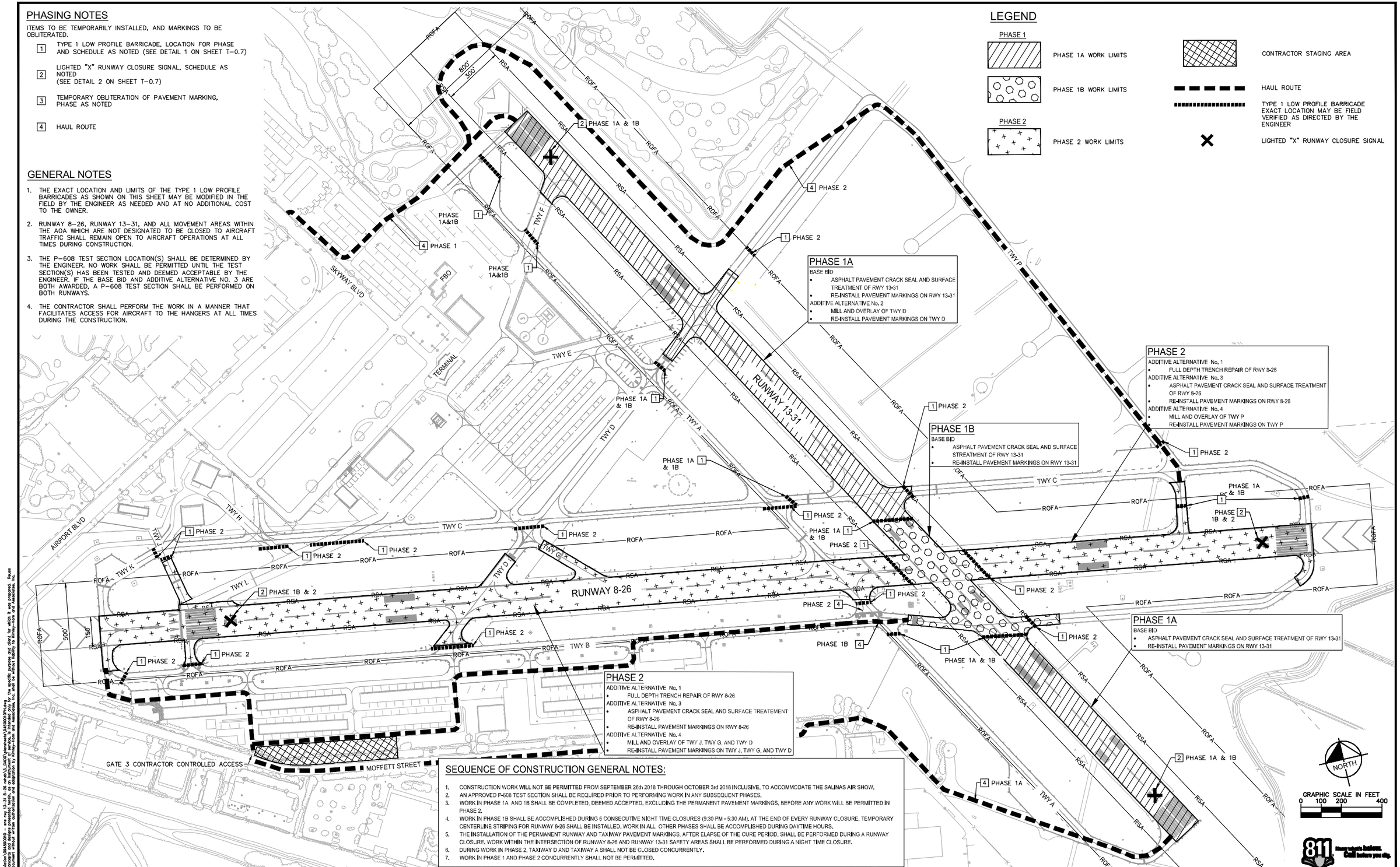
PHASE 1

- PHASE 1A WORK LIMITS
- PHASE 1B WORK LIMITS

PHASE 2

- PHASE 2 WORK LIMITS

- CONTRACTOR STAGING AREA
- HAUL ROUTE
- TYPE 1 LOW PROFILE BARRICADE EXACT LOCATION MAY BE FIELD VERIFIED AS DIRECTED BY THE ENGINEER
- LIGHTED "X" RUNWAY CLOSURE SIGNAL



PHASE 1A

BASE BID
- ASPHALT PAVEMENT CRACK SEAL AND SURFACE TREATMENT OF RWY 13-31
- RE-INSTALL PAVEMENT MARKINGS ON RWY 13-31

ADDITIVE ALTERNATIVE No. 2
- MILL AND OVERLAY OF TWY D
- RE-INSTALL PAVEMENT MARKINGS ON TWY D

PHASE 2

ADDITIVE ALTERNATIVE No. 1
- FULL DEPTH TRENCH REPAIR OF RWY 8-26

ADDITIVE ALTERNATIVE No. 3
- ASPHALT PAVEMENT CRACK SEAL AND SURFACE TREATMENT OF RWY 8-26
- RE-INSTALL PAVEMENT MARKINGS ON RWY 8-26

ADDITIVE ALTERNATIVE No. 4
- MILL AND OVERLAY OF TWY P
- RE-INSTALL PAVEMENT MARKINGS ON TWY P

PHASE 1B

BASE BID
- ASPHALT PAVEMENT CRACK SEAL AND SURFACE STREATMENT OF RWY 13-31
- RE-INSTALL PAVEMENT MARKINGS ON RWY 13-31

PHASE 2

ADDITIVE ALTERNATIVE No. 1
- FULL DEPTH TRENCH REPAIR OF RWY 8-26

ADDITIVE ALTERNATIVE No. 3
- ASPHALT PAVEMENT CRACK SEAL AND SURFACE TREATEMENT OF RWY 8-26
- RE-INSTALL PAVEMENT MARKINGS ON RWY 8-26

ADDITIVE ALTERNATIVE No. 4
- MILL AND OVERLAY OF TWY J, TWY G, AND TWY D
- RE-INSTALL PAVEMENT MARKINGS ON TWY J, TWY G, AND TWY D

PHASE 1A

BASE BID
- ASPHALT PAVEMENT CRACK SEAL AND SURFACE TREATMENT OF RWY 13-31
- RE-INSTALL PAVEMENT MARKINGS ON RWY 13-31

SEQUENCE OF CONSTRUCTION GENERAL NOTES:

1. CONSTRUCTION WORK WILL NOT BE PERMITTED FROM SEPTEMBER 26th 2018 THROUGH OCTOBER 3rd 2018 INCLUSIVE, TO ACCOMMODATE THE SALINAS AIR SHOW.
2. AN APPROVED P-608 TEST SECTION SHALL BE REQUIRED PRIOR TO PERFORMING WORK IN ANY SUBSEQUENT PHASES.
3. WORK IN PHASE 1A AND 1B SHALL BE COMPLETED, DEEMED ACCEPTED, EXCLUDING THE PERMANENT PAVEMENT MARKINGS, BEFORE ANY WORK WILL BE PERMITTED IN PHASE 2.
4. WORK IN PHASE 1B SHALL BE ACCOMPLISHED DURING 5 CONSECUTIVE NIGHT TIME CLOSURES (9:30 PM - 5:30 AM). AT THE END OF EVERY RUNWAY CLOSURE, TEMPORARY CENTERLINE STRIPING FOR RUNWAY 8-26 SHALL BE INSTALLED. WORK IN ALL OTHER PHASES SHALL BE ACCOMPLISHED DURING DAYTIME HOURS.
5. THE INSTALLATION OF THE PERMANENT RUNWAY AND TAXIWAY PAVEMENT MARKINGS, AFTER ELAPSE OF THE CURE PERIOD, SHALL BE PERFORMED DURING A RUNWAY CLOSURE. WORK WITHIN THE INTERSECTION OF RUNWAY 8-26 AND RUNWAY 13-31 SAFETY AREAS SHALL BE PERFORMED DURING A NIGHT TIME CLOSURE.
6. DURING WORK IN PHASE 2, TAXIWAY D AND TAXIWAY A SHALL NOT BE CLOSED CONCURRENTLY.
7. WORK IN PHASE 1 AND PHASE 2 CONCURRENTLY SHALL NOT BE PERMITTED.

NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

Approved for Construction By:
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SALINAS MUNICIPAL AIRPORT
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
CONSTRUCTION PHASING PLAN

PROJECT NO. 094590010
FILE NO. 94590010PH
SHEET NO. T-0.6
TOTAL SHEETS 35

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1. THE CONTRACTOR SHALL COMPLETE THE PHASES IN THE GENERAL SEQUENCE AS OUTLINED IN THESE PLANS. THE CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE ENGINEER AND OWNER ANY REQUESTED DEVIATIONS TO THE CONSTRUCTION PHASING AS SHOWN ON THE PLANS. ACCEPTANCE OF REQUESTED DEVIATIONS TO THE CONSTRUCTION PHASING IS AT THE OWNERS SOLE DISCRETION, AND SUCH CHANGES SHALL BE AT NO ADDITIONAL COST TO THE OWNER.

2. THE AIRPORT RESERVES THE RIGHT TO CHANGE THE LIMITS AND SEQUENCE OF ANY CONSTRUCTION PHASE DURING THE PROJECT FOR AIRPORT OPERATIONAL PURPOSES. THE CONTRACTOR SHALL COOPERATE AND FULLY COMPLY WITH ANY SNS OPERATIONS PHASING MODIFICATIONS.

3. THE CONTRACTOR SHALL DEVELOP AND SUBMIT A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) TO THE OWNER AND ENGINEER FOR APPROVAL PRIOR TO COMMENCING WORK. THIS SAFETY PLAN SHALL INCORPORATE THE REQUIREMENTS AND CRITERIA AS IDENTIFIED IN THE CONTRACT DOCUMENTS, AND SHALL COMPLY WITH THE REQUIREMENTS OF AC 150/5370-2G.

4. ALL AOA PAVEMENT SURFACES SHALL BE OPEN FOR AIRCRAFT OPERATIONS AT ALL TIMES OTHER THAN THE DESIGNATED CLOSURES.

5. ALL CONSTRUCTION TRAFFIC SHALL YIELD TO AIRCRAFT AT ALL TIMES. THE CONTRACTOR SHALL NOT MOVE EQUIPMENT ONTO THE ACTIVE AOA WITHOUT SNS OPERATIONS APPROVAL. DELAYS RESULTING FROM AIRCRAFT MOVEMENTS SHOULD BE EXPECTED, EXPENSES OR COSTS RESULTING FROM SUCH DELAYS ARE INCIDENTAL TO THE PROJECT. ADJUSTMENTS FOR ADDITIONAL COMPENSATION AND TIME WILL NOT BE MADE FOR TIME LOST IN WORK AREAS CONTIGUOUS TO TAXIWAYS AND RUNWAYS DUE TO AIRCRAFT TRAFFIC.

6. THE CONTRACTOR SHALL NOT CROSS AN ACTIVE RUNWAY OR TAXIWAY AND SHALL NOT ENCROACH INTO AN ACTIVE RSA OR TSA AT ANY TIME UNLESS ESCORTED BY SNS OPERATIONS AS DEFINED IN THE SPECIFICATIONS. VIOLATION COULD RESULT IN PERMANENT EJECTION FROM THE AIRPORT PROPERTY AND/OR AN ASSESSMENT OF FINES.

7. THE CONTRACTOR SHALL COORDINATE WITH SNS PER THE FOLLOWING LIST;
THIS LIST SHOULD NOT BE CONSIDERED A COMPREHENSIVE OR COMPLETE LIST OF ALL COORDINATION REQUIRED BUT SHALL BE TAKEN AS THE MINIMUM:
   a. PRIOR TO THE START OF DAILY OR NIGHT TIME CONSTRUCTION ACTIVITIES – A MINIMUM OF 1-HOUR PRIOR TO START TIME.
   b. FOR ALL ACTIVE RUNWAY AND TAXIWAY CLOSURES – A MINIMUM OF 72-HOURS PRIOR TO THE REQUESTED CLOSURE TIME.
   c. FOR ALL WORK REQUIRING ISSUANCE OF A "NOTAM" – A MINIMUM OF 72-HOURS PRIOR NOTAM START TIME.

7. LOW PROFILE BARRICADES AS SHOWN ON THE PLANS SHALL BE USED IN THE DELINEATION OF THE CONSTRUCTION AREAS OR CLOSED AIRFIELD PAVEMENT WITHIN THE AOA.

8. INTERRUPTION OF THE EXISTING AIRFIELD LIGHTING SYSTEMS SHALL BE LIMITED TO DAYLIGHT HOURS ONLY. THE CONTRACTOR SHALL PROVIDE SNS AND THE ENGINEER, A SEVENTY-TWO (72) HOUR NOTICE PRIOR TO ANY REQUESTED INTERRUPTION.

9. THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY ELECTRICAL TIE-INS THAT WILL BE REQUIRED TO KEEP RUNWAY AND/OR TAXIWAY EDGE LIGHTS, OTHER AOA LIGHTING, AND RUNWAY AND TAXIWAY SIGNS IN OPERATION AT TIMES WHEN THE PAVEMENT AREAS ARE AVAILABLE TO AIRCRAFT TRAFFIC. THE CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY ELECTRICAL TIE-INS OR OTHER METHODS AS DEEMED NECESSARY BY SNS OPERATIONS, FOR MAINTAINING THE OPERATION OF AIRPORT ELECTRICAL AND/OR NAVAIDs FACILITIES WHICH ARE OUTSIDE THE LIMITS OF CONSTRUCTION.

10. PRIOR TO STARTING WORK IN ANY SCHEDULE, ALL APPLICABLE AIRFIELD GUIDANCE SIGNS THAT DIRECT AIRCRAFT INTO THE WORK ZONES SHALL BE MASKED OR DE-ENERGIZED, AND ALL RUNWAY AND TAXIWAY LIGHTING SHALL BE DE-ENERGIZED FOR THE LIMITS OF THE WORK ZONES ONLY, ALL LEAD-IN AIRFIELD MARKINGS AS CALLED FOR ON THE PLANS SHALL BE OBLITERATED, AND ALL BARRICADES AND TEMPORARY MARKINGS SHALL BE INSTALLED AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.

11. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN BARRICADES, TEMPORARY RUNWAY AND TAXIWAY LIGHTING, TEMPORARY RUNWAY AND TAXIWAY SIGNS, FOR ALL RUNWAY/TAXIWAY CLOSURES AS INDICATED ON THE PHASING PLANS AND DETAILS. UPON COMPLETION OF EACH PHASE, THE CONTRACTOR SHALL REMOVE THE ASSOCIATED BARRICADES AND UNCOVER AIRFIELD SIGNS AND EDGE LIGHTS.

12. ALL AIRPORT PROPERTY, INCLUDING EDGE LIGHTS AND NAVAID EQUIPMENT, SHALL BE PROTECTED AND REMAIN IN PLACE UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL COORDINATE WITH SNS OPERATIONS AND MAINTENANCE STAFF PRIOR TO MASKING OR DE-ENERGIZING ANY EXISTING GUIDANCE SIGNS AND/OR EDGE LIGHTS AS INDICATED. DAMAGE TO SIGNS, EDGE LIGHTS, NAVAIDS OR OTHER AIRPORT PROPERTY AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.

13. THE CONTRACTOR SHALL MAINTAIN ALL PAVEMENTS AND HAUL ROUTES IN A CLEAN AND SUITABLE CONDITION FOR AIRCRAFT MOVEMENT BY MEANS OF VACUUM SWEEPING. THE CONTRACTOR SHALL HAVE AN OPERATIONAL VACUUM SWEEPER AT THE WORK AREAS AT ALL TIMES TO IMMEDIATELY REMOVE ANY FOREIGN OBJECT DEBRIS, (FOD).

14. HAUL ROUTE LOCATIONS VARY FOR EACH PHASE AS INDICATED ON THE PHASING PLAN. THE ROUTES AND AOA ACCESS LOCATIONS MAY NEED TO CHANGE DUE TO SNS OPERATIONAL NEEDS, THE CONTRACTOR SHALL ADJUST AS REQUIRED OR REQUESTED BY SNS OPERATIONS. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE OFF SITE HAUL ROUTES WITH THE JURISDICTIONAL AGENCY AND OBTAIN ANY REQUIRED PERMITS.

15. THE CONTRACTOR SHALL COMPLY WITH ALL CITY, COUNTY AND STATE TRAFFIC REGULATIONS CONCERNING THE USE OF STREETS AND ROADWAYS FOR HAULING. ANY DAMAGE TO THE ROADWAYS DUE TO THE CONTRACTORS EQUIPMENT OR HAULING OPERATIONS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AND AT NO ADDITIONAL COST TO THE OWNER.

16. THE CONTRACTOR SHALL MAINTAIN 2-WAY TRAFFIC ON ALL EXISTING AIRPORT SERVICE AND PERIMETER ROADS AT ALL TIMES DURING THE CONSTRUCTION. SERVICE ROADS USED AS CONTRACTOR ROUTES WILL BE USED BY OTHER AIRPORT VEHICLES. THE CONTRACTOR SHALL NOT INTERFERE WITH OR IMPEDE AIRPORT VEHICLE TRAFFIC AND SHALL YIELD TO ARFF VEHICLES AND SNS OPERATIONS VEHICLES ALONG ALL AIRPORT SERVICE ROADS.

17. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES TO THE AIR SIDE HAUL ROUTES AND/OR AIRFIELD PAVEMENT AND EXISTING IMPROVEMENTS ADJACENT TO THE CONSTRUCTION LIMITS. REPAIRS OR ANY REQUIRED REPLACEMENTS SHALL BE CARRIED OUT PRIOR TO SUBSTANTIAL COMPLETION OF THIS PROJECT AND/OR DURING THE PROJECT WHEN DEEMED NECESSARY BY SNS OPERATIONS, TO THE SATISFACTION OF THE ENGINEER AND AT THE SOLE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL CONSTRUCTION TRAFFIC WITHIN THE SPECIFIED HAUL ROUTES AS SHOWN ON THE CONSTRUCTION PHASING PLAN OR AS DIRECTED BY THE ENGINEER.

18. THE CONTRACTOR IS RESPONSIBLE FOR THE OPERATION, INCLUDING SUPPLYING ALL FUEL AND RE-FUELING OPERATIONS, AND THE INITIAL SERVICING AND ALL SERVICING AND MAINTENANCE REQUIRED DURING THE CONSTRUCTION PERIOD OF THE TWO (2) OWNER PROVIDED LIGHTED "X" RUNWAY CLOSURE SIGNALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND SUBSEQUENT REMOVAL OF THE LIGHTED 'X' RUNWAY CLOSURE SIGNALS FOR ALL RUNWAY CLOSURES. DURING PHASES THAT REQUIRE BOTH RUNWAYS TO BE CLOSED, THE CONTRACTOR SHALL PROVIDE TWO (2) LIGHTED "X" RUNWAY CLOSURE SIGNALS TO BE USED IN CONJUNCTION WITH THE OWNER PROVIDED LIGHTED "X" RUNWAY CLOSURE SIGNALS. IN ADDITION AND FOR THE DURATION OF THE CONSTRUCTION WORK ONLY, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN WITHIN THE AOA A STANDBY LIGHTED 'X' RUNWAY CLOSURE SIGNAL PER THE DETAIL ON THIS SHEET AND THE SPECIFICATIONS. PLACEMENT AND REMOVAL OF THE LIGHTED "X"'S FOR THE RUNWAY CLOSURES SHALL BE COORDINATED WITH SNS AND SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION PHASING PLAN.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ANY TEMPORARY DRAINAGE SYSTEMS WITHIN EACH PHASE WORK LIMITS AS NECESSARY TO MAINTAIN THE EXISTING DRAINAGE PATTERNS. ANY SUCH TEMPORARY MEASURES SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION AND SHALL NOT IMPACT AOA OPERATIONS.

20. AT THE PRE-CONSTRUCTION MEETING THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE FOR REVIEW AND APPROVAL BY THE ENGINEER. THE CONTRACTOR SHALL REVISE THIS SCHEDULE ON A WEEKLY BASIS DURING THE PROJECT IF THE ENGINEER DEEMS THE PROGRESS OF THE WORK NOT TO BE IN ACCORDANCE WITH THE APPROVED SCHEDULE.

21. CONSTRUCTION PERSONNEL, EQUIPMENT AND MATERIAL SHALL NOT PENETRATE THE RUNWAY OFZ AS DEFINED IN AC 150/5300-13 FOR AN OPERATIONAL RUNWAY. THE CONTRACTOR SHALL COMPLY WITH ANY HEIGHT LIMITS SHOWN ON THE PLANS OR IDENTIFIED IN FAA PART 77.

22. ALL CONTRACTOR VEHICLES, INCLUDING HAULING VEHICLES, CONSTRUCTION EQUIPMENT (ROLLERS, BACK HOES, SCRAPERS, ETC..) THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT WITHIN THE DESIGNATED LIMITS OF CONSTRUCTION OR HAUL ROUTES AS DEFINED HEREIN, SHALL DISPLAY A 3'X3' OR LARGER ORANGE AND WHITE CHECKERBOARD FLAG IN FULL VIEW ABOVE THE VEHICLE, EACH CHECKERBOARD COLOR SHALL BE ONE-FOOT (1') SQUARE. OPERATIONS DURING PERIODS OF DARKNESS OR LIMITED VISIBILITY SHALL REQUIRE THE CONTRACTORS VEHICLES TO BE EQUIPPED WITH ROTATING OR FLASHING AMBER LIGHTS. DURING SUCH PERIODS, HAULING VEHICLES NOT EQUIPPED WITH THE REQUIRED LIGHTS SHALL BE ESCORTED BY A VEHICLE SO EQUIPPED.

23. ANY WORK WITHIN THE RUNWAY SAFETY AREA (RSA) AND RUNWAY OBSTACLE FREE ZONE (ROFZ) REQUIRES A TEMPORARY CLOSURE OF THE RUNWAY. ANY WORK WITHIN THE TAXIWAY SAFETY AREA (TSA) REQUIRES A TEMPORARY CLOSURE OF THE TAXIWAY. THE CONTRACTOR SHALL SUBMIT WRITTEN NOTICE IN THE FORM OF A WEEKLY SCHEDULE OF CLOSURES, 72-HOURS PRIOR TO THE ANTICIPATED START OF WORK, WITHIN THE AOA.

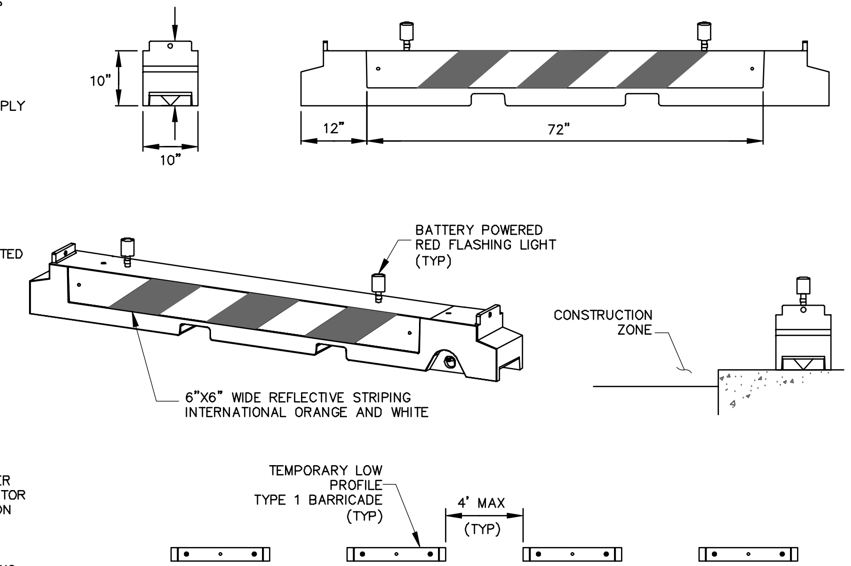
24. PRIOR TO RE-OPENING A TEMPORARILY CLOSED RUNWAY, THE RUNWAY OFZ AND RSA MUST BE RETURNED TO THE FAA STANDARDS CRITERIA OUTLINED IN ADVISORY CIRCULAR 150/5370-2F. THIS CRITERIA PROHIBITS LEAVING ANY OPEN EXCAVATIONS, ANY PAVEMENT EDGE DROP OFF GREATER THAN THREE (3) INCHES, AND ANY GRADES STEEPER THAN FIVE (5) PERCENT WITHIN TWO-HUNDRED (200) FEET OF THE RUNWAY CENTERLINE. THE CONTRACTOR SHALL CARRY OUT AND SCHEDULE THE WORK ACCORDINGLY.

25. PRIOR TO RE-OPENING A TEMPORARY CLOSED RUNWAY OR TAXIWAY, THE PAVEMENT MUST BE THOROUGHLY CLEANED OF ALL FOD. THE CONTRACTOR SHALL ARRANGE TO HAVE THE ENGINEER AND SNS OPERATIONS INSPECT THE SITE TO CONFIRM THAT THE PAVEMENT IS BEING LEFT IN A SATISFACTORY AND CLEAN CONDITION. THE CONTRACTOR SHALL ALLOW SUFFICIENT TIME TO MAKE ANY CORRECTIONS TO PAVEMENT FOUND TO BE DEFICIENT BEFORE OPENING THE PAVEMENT TO AIRCRAFT MOVEMENT. ANY PAVEMENT THAT DOES NOT PASS THE ENGINEER'S AND SNS OPERATIONS' INSPECTION SHALL REMAIN CLOSED UNTIL CORRECTIVE MEASURES ARE COMPLETED BY THE CONTRACTOR AND APPROVED BY SNS OPERATIONS. THE CONTRACTOR SHALL BE SUBJECT TO DAMAGES PER THE SPECIFICATIONS FOR LATE RE-OPENING OF PAVEMENTS TO AIR TRAFFIC.

26. EXISTING PAVEMENT MARKINGS THAT HAVE BEEN OBLITERATED, DISTURBED, OR REMOVED DURING THE CONSTRUCTION PROCESS, MUST BE REINSTATED TO PREVIOUSLY EXISTING CONDITION PRIOR TO OPENING THE PAVEMENT TO AIRCRAFT TRAFFIC. SUFFICIENT TIME BETWEEN PAVEMENT MARKING APPLICATION AND THE OPENING TO AIRCRAFT TRAFFIC SHALL BE PROVIDED FOR THE MARKINGS TO THOROUGHLY DRY.

27. CONSTRUCTION MATERIAL STOCKPILING SHALL NOT BE ALLOWED WITHIN THE ROFZ, RSA, OR TSA. WHEN SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER THE PLACEMENT, SPREADING, AND COMPACTION OF MILLINGS AND/OR UNCLASSIFIED EXCAVATION MATERIAL WITHIN THE DESIGNATED AREAS CAN PROCEED DURING THE DAY ONLY IN THE AREAS OUTSIDE THE AIRPORT APPROACH SURFACES, THE ROFZ, RSA, AND TSA.

28. PRIOR TO SUBSTANTIAL COMPLETION THE CONTRACTOR SHALL RESTORE THE STAGING AREAS TO THE CONDITION PRIOR TO MOBILIZATION AND TO THE SATISFACTION OF THE ENGINEER.

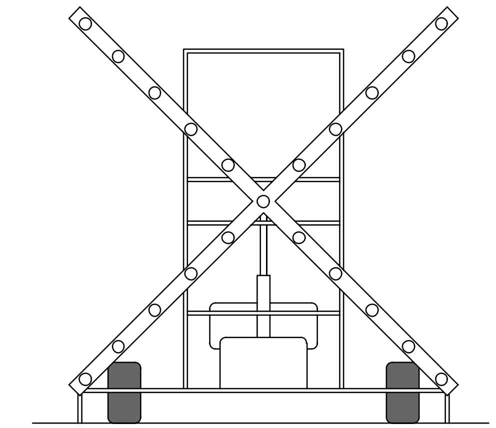


TYPICAL BARRIER PLACEMENT

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING PROPER POSITIONING AND OPERATION OF ALL BARRICADES.
2. ADDITIONAL SANDBAGS AND/OR ANCHORS MAY BE REQUIRED TO HOLD THE BARRICADES IN PLACE WHERE EXPOSED TO PROP WASH OR JET BLAST. SANDBAGS AND ANCHORS ARE INCIDENTAL TO THE ITEM.
3. LIGHTS TO BE 3" RED LEXAN HIGH-INTENSITY FLASHING OMNI-DIRECTIONAL LIGHTS OPERATIONAL FROM DUSK TO DAWN (BATTERY TO BE REPLACED EVERY 7 DAYS).
4. FACING OF BARRICADE TO BE COVERED WITH PRE-ATTACHED ORANGE AND WHITE HIGH-INTENSITY REFLECTIVE STRIPING (AIRCRAFT MOVEMENT SIDE ONLY).
5. BARRICADES TO BE PLACED WITH A MAXIMUM OF 10' SPACING ALONG OPERATIONAL PAVEMENT ADJACENT TO CONSTRUCTION AS INDICATED ON THE CONSTRUCTION PHASING PLAN OR AS DIRECTED BY THE AIRPORT.
6. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL TO THE ENGINEER FOR REVIEW OF THE PROPOSED LOW PROFILE BARRICADE TYPE AND MANUFACTURE AND PRIOR TO ORDERING OR ACQUIRING ANY BARRICADES. THE SUBMITTAL SHALL CONTAIN SUFFICIENT INFORMATION INCLUDING AS A MINIMUM BARRICADE TYPE, SIZE, MANUFACTURER, AND DATE OF MANUFACTURE, TO PROVIDE THE ENGINEER WITH SUFFICIENT INFORMATION TO PERFORM A THOROUGH AND COMPLETE REVIEW.

1 / T-0.7 — TYPE I LOW PROFILE BARRICADE
MULTI-BARRIER TYPE AR-10x96 OR APPROVED EQUAL
N.T.S.



NOTES:
THE LIGHTED "X" RUNWAY CLOSURE SIGNAL SHALL:

1. BE A PORTABLE, TOWABLE UNIT THAT CAN BE QUICKLY REMOVED FROM THE RUNWAY.
2. CONSIST OF CLEAR INCANDESCENT LAMPS OR TRANSMIT A WHITE COLOR, ARRANGED IN THE SHAPE OF A LETTER "X" WITH ARMS CROSSED AT AN APPROPRIATE ANGLE TO MAKE THE "X" DISCERNIBLE. THE ARMS SHALL BE PAINTED YELLOW ON ALL SIDES SO THAT THE UNIT WILL BE CLEARLY VISIBLE WHEN IT IS IN POSITION.
3. BE ENERGIZED BY A PORTABLE POWER SUPPLY AND HAVE A HYDRAULIC LIFTING MECHANISM TO RAISE AND LOWER THE X PANEL.
4. BE CONTROLLED SO THAT THE LIGHTED SIGNAL WILL FLASH AT AN APPROXIMATE RATE OF 2.5-3 SECONDS "ON" AND 1-2.5 SECONDS "OFF".
5. PROVIDE THE FOLLOWING DAYTIME AND NIGHTTIME VISUAL REFERENCE DURING VISUAL FLIGHT RULE (VFR) CONDITIONS WHEN PLACED ON CENTERLINE AND WITHIN 250 FEET OF THE RUNWAY END:
   (1) VISIBLE TO THE PILOT AT A RANGE OF AT LEAST 5 NAUTICAL MILES.
   (2) RECOGNIZABLE AS A LETTER "X" FROM A RANGE OF AT LEAST 1 NAUTICAL MILE.
6. PROVIDE LAMP DIMMING CAPABILITY FOR NIGHTTIME OPERATIONS.
7. PRODUCE A SIGNAL THAT PROVIDES A HORIZONTAL COVERAGE TO AT LEAST 15 DEGREES ON EACH SIDE OF THE RUNWAY CENTERLINE, AND A VERTICAL COVERAGE FROM 0 DEGREES TO 10 DEGREES ABOVE HORIZONTAL, BOTH DAY AND NIGHT, AT A RANGE OF 1 NAUTICAL MILES.
8. ADJUSTABLE AIMING AND LEVELING TO ALLOW TILTING TO AN OPTIMUM ANGLE OF THREE DEGREES FROM VERTICAL.
9. WITHSTAND A MINIMUM WIND SPEED OF AT LEAST 40 MPH WITHOUT AFFECTING AIMING OR OPERATION.
10. INCLUDE AN ILLUMINATED FAILURE INDICATOR THAT IS VISIBLE FROM THE BACK (RUNWAY SIDE) OF THE UNIT.
11. INCLUDE AN OPERATIONS PLACARD IN A CONSPICUOUS LOCATION THAT INSTRUCTS OPERATORS TO VISUALLY CHECK THE OPERATION OF THE DEVICE EVERY TWO HOURS.
12. BE CAPABLE OF ONE PERSON SET UP IN LESS THAN 5 MINUTES USING HYDRAULIC RAISING/LOWERING MECHANISM.
13. HAVE DIESEL PORTABLE POWER WITH ADAPTER TO RUN DIRECTLY FROM ELECTRICAL OUTLETS.
14. HAVE TRAILER HITCH OPTIONS INCLUDING TANDEM TOWING FOR ON-AIRPORT OPERATIONS.
15. HAVE THE ABILITY TO PROVIDE UP TO 120 HOURS OF CONTINUOUS OPERATION.
16. HAVE FAIL SAFE PROTECTION TO ENSURE THAT THE UNIT STAYS ON AS CONTINUOUS LIT IF THE FLASHER UNIT SHOULD FAIL.
17. HAVE DIMENSIONING AND LIGHTING ARRANGEMENT THAT FOLLOWS THE DESIGN RECOMMENDATION OF THE FAA/AC 150/5345-55.

THE CONTRACTOR SHALL PROVIDE A SUBMITTAL TO THE ENGINEER FOR REVIEW OF THE PROPOSED LIGHTED "X" RUNWAY CLOSURE SIGNAL THAT THE CONTRACTOR INTENDS TO USE ON THE PROJECT AND PRIOR TO ORDERING OR ACQUIRING ANY UNITS. THE SUBMITTAL SHALL CONTAIN SUFFICIENT INFORMATION ON THE PROPOSED LIGHTED "X" RUNWAY CLOSURE SIGNAL TYPE, MANUFACTURER, AND DATE OF MANUFACTURE, TO PROVIDE THE ENGINEER WITH SUFFICIENT INFORMATION/DATA TO PERFORM A THOROUGH AND COMPLETE REVIEW. THE CONTRACTOR SHALL ACQUIRE THE UNITS ONLY AFTER THE ENGINEER HAS DEEMED THE SUBMITTAL ACCEPTABLE.

2 / T-0.7 — LIGHTED 'X' RUNWAY CLOSURE SIGNAL
N.T.S.

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA 3/1/18

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

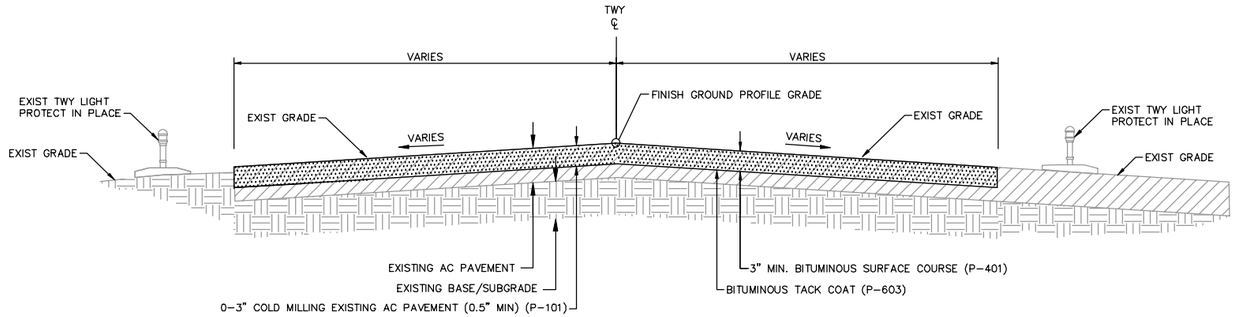
SALINAS RICH IN LAND | RICH IN VALUES

Approved for Construction By:
James E. Sandoval, P.E., Public Works Assistant Director/City Engineer — Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

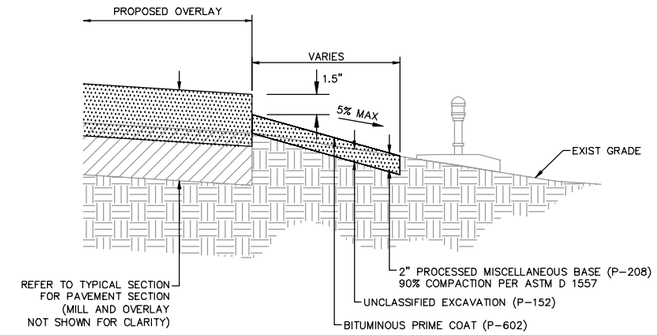
SALINAS MUNICIPAL AIRPORT
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
CONSTRUCTION PHASING GENERAL NOTES AND DETAILS

PROJECT NO. 094590010
FILE NO. 94590010PHD
SHEET NO. T-0.7
TOTAL SHEETS 35



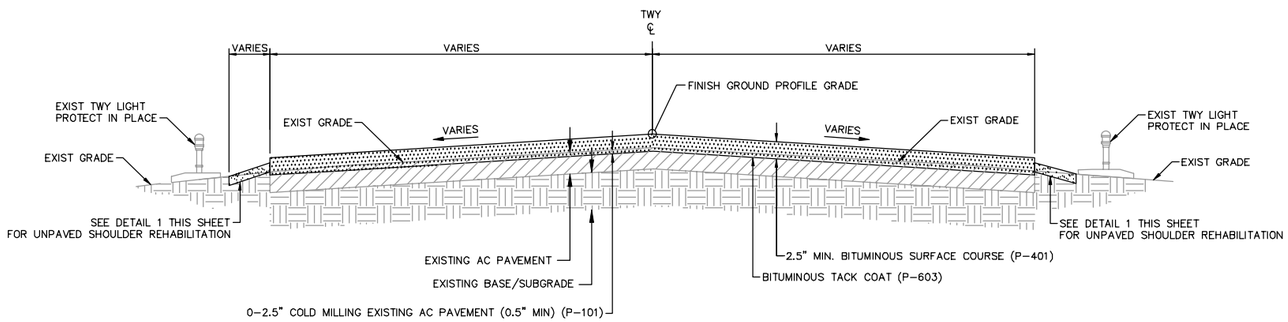
TYPICAL SECTION
MILL AND FILL

ADDITIVE ALTERNATIVE NO. 2 AND 4:
TAXIWAY D



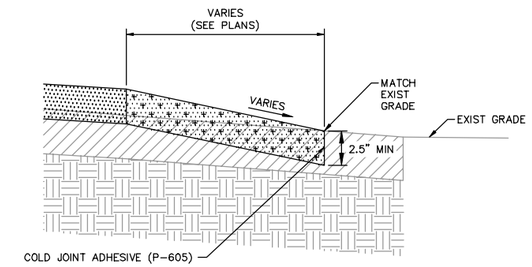
DETAIL 1
UNPAVED SHOULDER REHABILITATION

N.T.S.



TYPICAL SECTION
MILL AND OVERLAY

ADDITIVE ALTERNATIVE NO. 4:
TAXIWAY J, TAXIWAY G, TAXIWAY P



DETAIL 2
TAPER MILL AT TIE-IN

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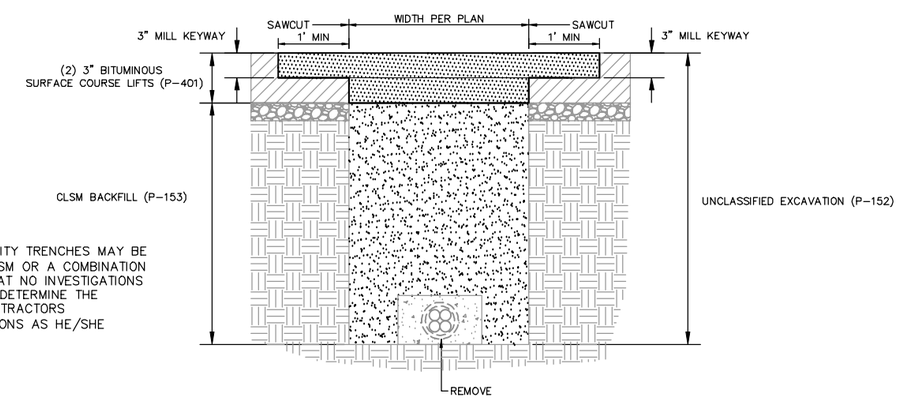

SECTION 3
FULL DEPTH TRENCH REPAIR

ADDITIVE ALTERNATIVE NO. 1:
RUNWAY 8-26

NOTES:

1. THE CONTRACTOR IS ADVISED THAT EXISTING UTILITY TRENCHES MAY BE BACKFILLED WITH CONCRETE, SLURRY AND/OR CLSM OR A COMBINATION OF THE ABOVE. THE CONTRACTOR IS ADVISED THAT NO INVESTIGATIONS WERE CARRIED OUT ON THE EXISTING UTILITY TO DETERMINE THE EXISTING PIPE BACKFILL MATERIAL. IT IS THE CONTRACTORS RESPONSIBILITY TO FURTHER INVESTIGATE CONDITIONS AS HE/SHE DETERMINES NECESSARY.

GENERAL NOTES:

1. CONSTRUCTION NOTES ARE TYPICAL FOR BOTH SIDES OF TYPICAL SECTIONS UNLESS NOTED OTHERWISE.
2. REFER TO ELECTRICAL PLANS FOR MODIFICATIONS TO EXISTING EDGE LIGHTS.

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Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS HIGH IN LAND | RICH IN VALUES

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
TYPICAL SECTIONS

PROJECT NO. 094590010
FILE NO. 945900107X
SHEET NO. T-0.8
TOTAL SHEETS 35

2018 Feb 28 - 10:33am K:\SL_Admin\094590010 - ara rwy 13-31 8-26 rehab\3_CADD\plansheets\945900107X.dwg
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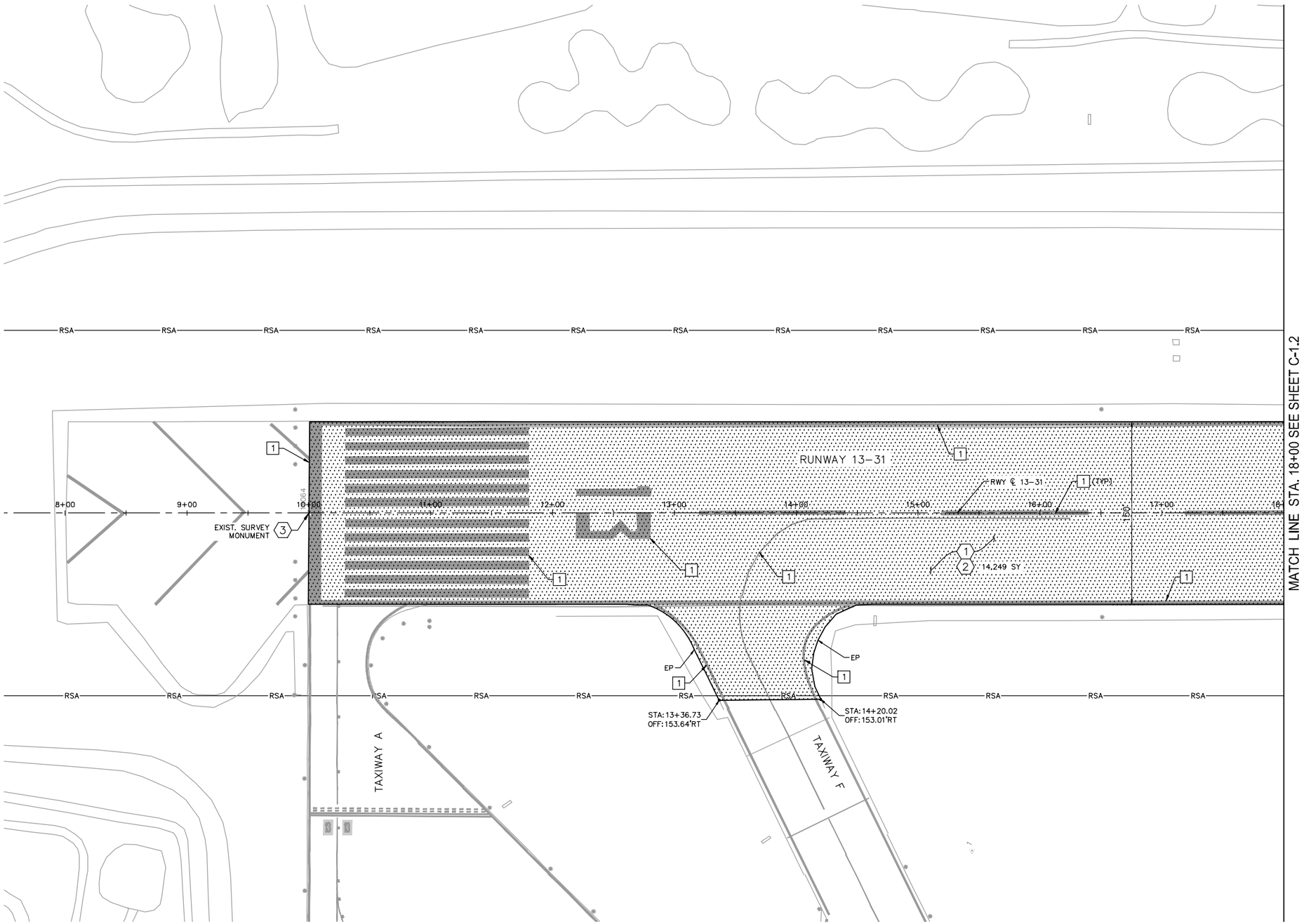


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
4. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 13-31, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(1) HOT POURED CRACK SEALING (P-411) (AREA AS NOTED)

(2) EMULSIFIED ASPHALT SEAL COAT (P-608) (AREA AS NOTED)

(3) PROTECT IN PLACE

DEMOLITION NOTES

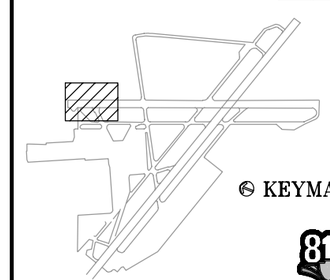
[1] PAVEMENT MARKING REMOVAL

LEGEND

ASPHALT SURFACE TREATMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 13-31 STA 10+00 TO 18+00

PROJECT NO. 094590010
FILE NO. 94590010GL
SHEET NO. C-1.1
TOTAL SHEETS 35

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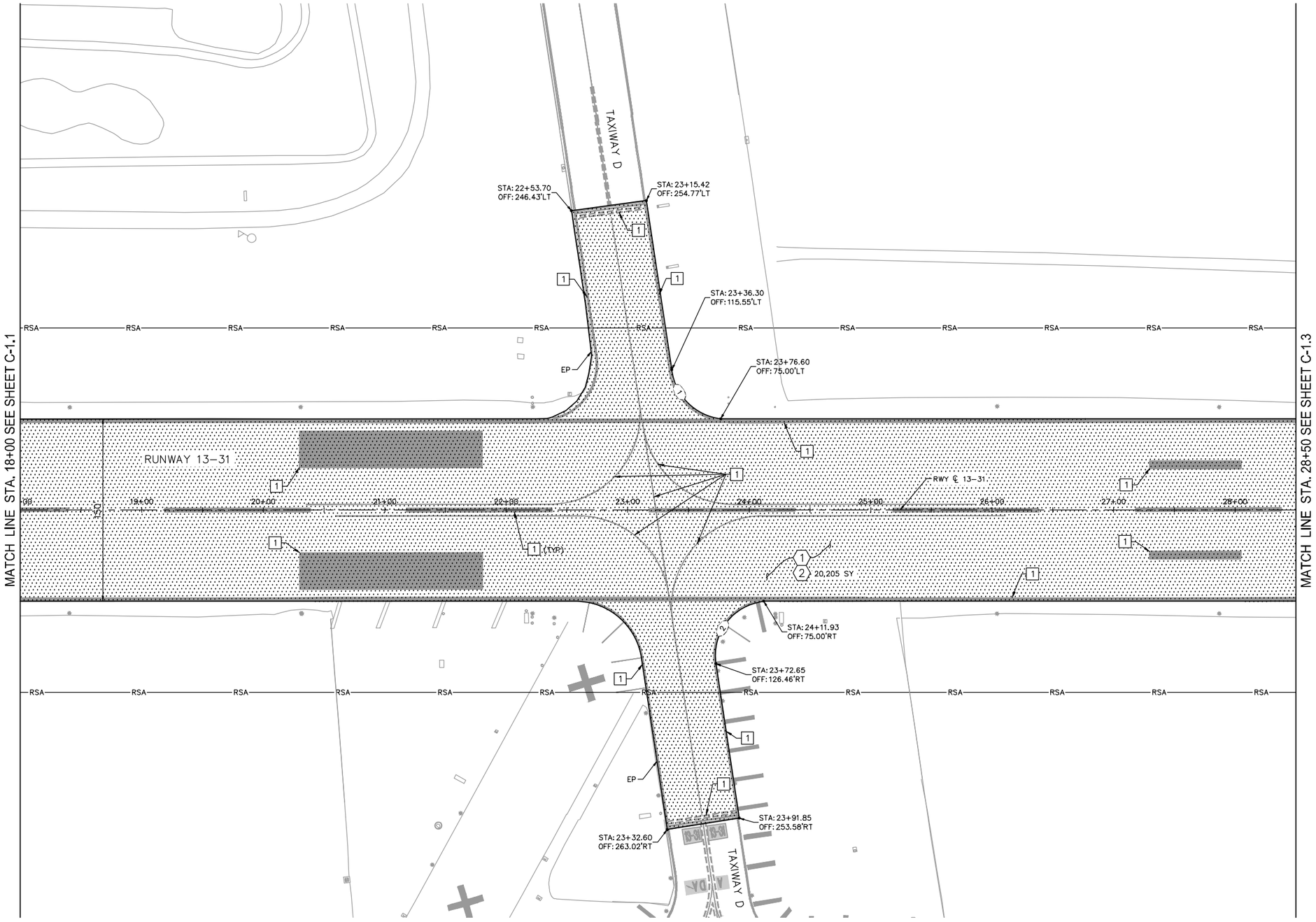


GENERAL NOTES

1. SEE SHEET T–0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C–2.1 TO C–2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
4. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 13–31, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

1. HOT POURED CRACK SEALING (P–411) (AREA AS NOTED)
2. EMULSIFIED ASPHALT SEAL COAT (P–608) (AREA AS NOTED)
3. PROTECT IN PLACE

DEMOLITION NOTES

1. PAVEMENT MARKING REMOVAL

LEGEND

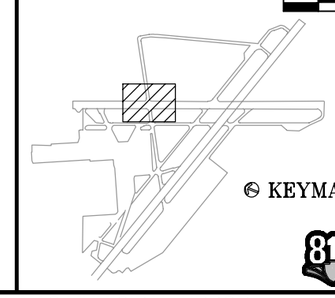
ASPHALT SURFACE TREATMENT

CENTERLINE/ALIGNMENT

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
1	46.39'	61.60'	76°05'36"	36.30'
2	44.75'	67.12'	85°56'16"	41.68'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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REGISTERED PROFESSIONAL ENGINEER ROBERT J. VANLYON C 76981 STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 13-31 STA 18+00 TO 28+50

PROJECT NO. 094590010
FILE NO. 94590010GL
SHEET NO. C-1.2
TOTAL SHEETS 35

2018 Feb 28 – 10:33am K:\SJ_Aviation\094590010 – sns rwy 13-31 & 26 rehab\3_CADD\plansheets\94590010L.dwg
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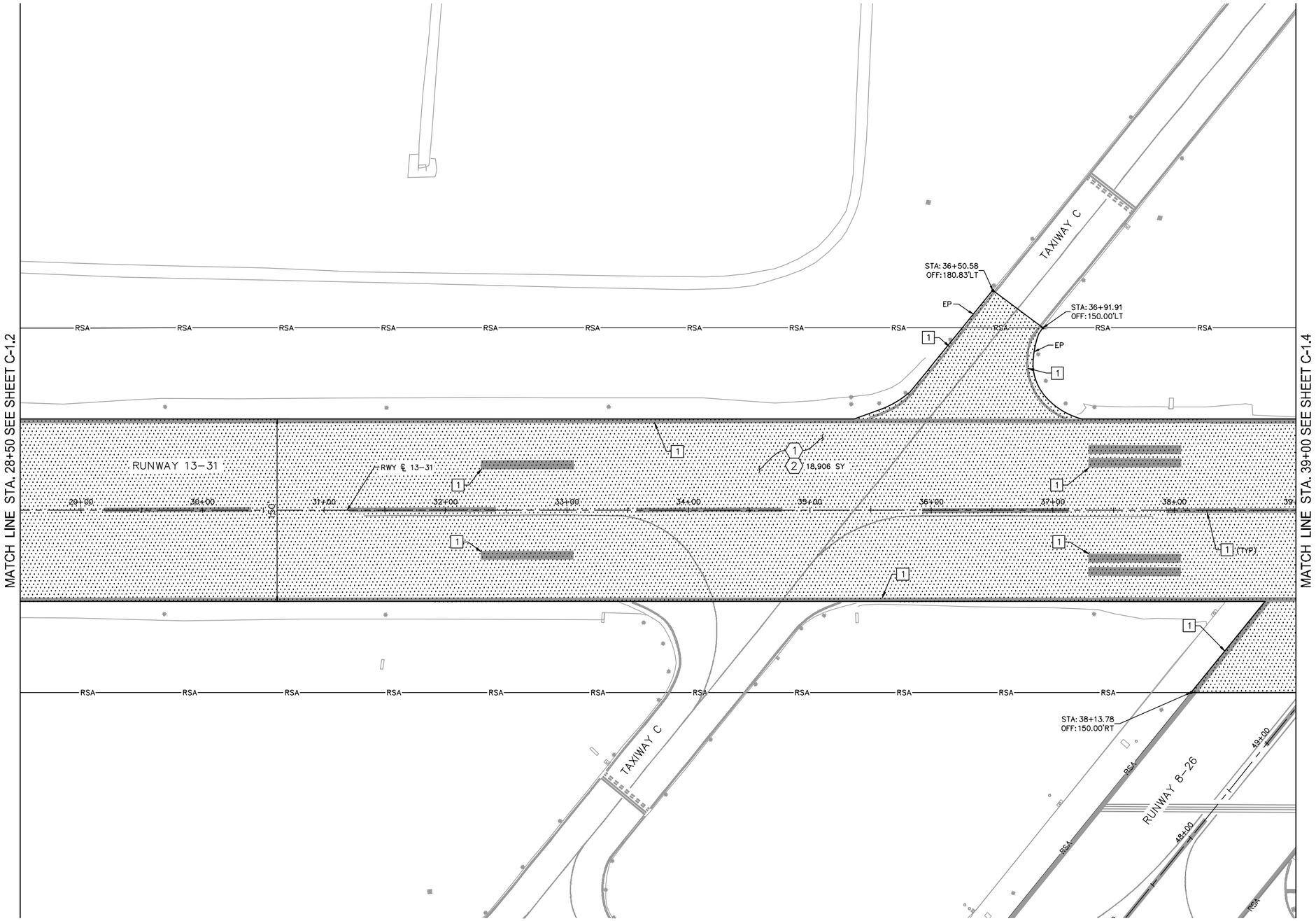


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
4. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 13-31, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(1) HOT POURED CRACK SEALING (P-411) (AREA AS NOTED)

(2) EMULSIFIED ASPHALT SEAL COAT (P-608) (AREA AS NOTED)

(3) PROTECT IN PLACE

DEMOLITION NOTES

[1] PAVEMENT MARKING REMOVAL

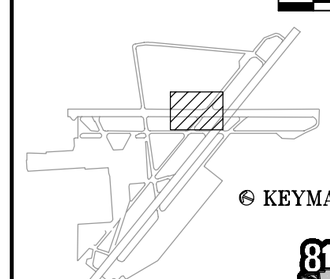
LEGEND

ASPHALT SURFACE TREATMENT

CENTERLINE/ALIGNMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

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GEOMETRIC LAYOUT
RWY 13-31 STA 28+50 TO 39+00

PROJECT NO. 094590010
FILE NO. 94590010GL
SHEET NO. C-1.3
TOTAL SHEETS 35

2018 Feb 28 - 10:33am K:\SL_Airport\094590010 - ann ray\13-31 8-26 rehab\3_CADD\plansheets\94590010GL.dwg
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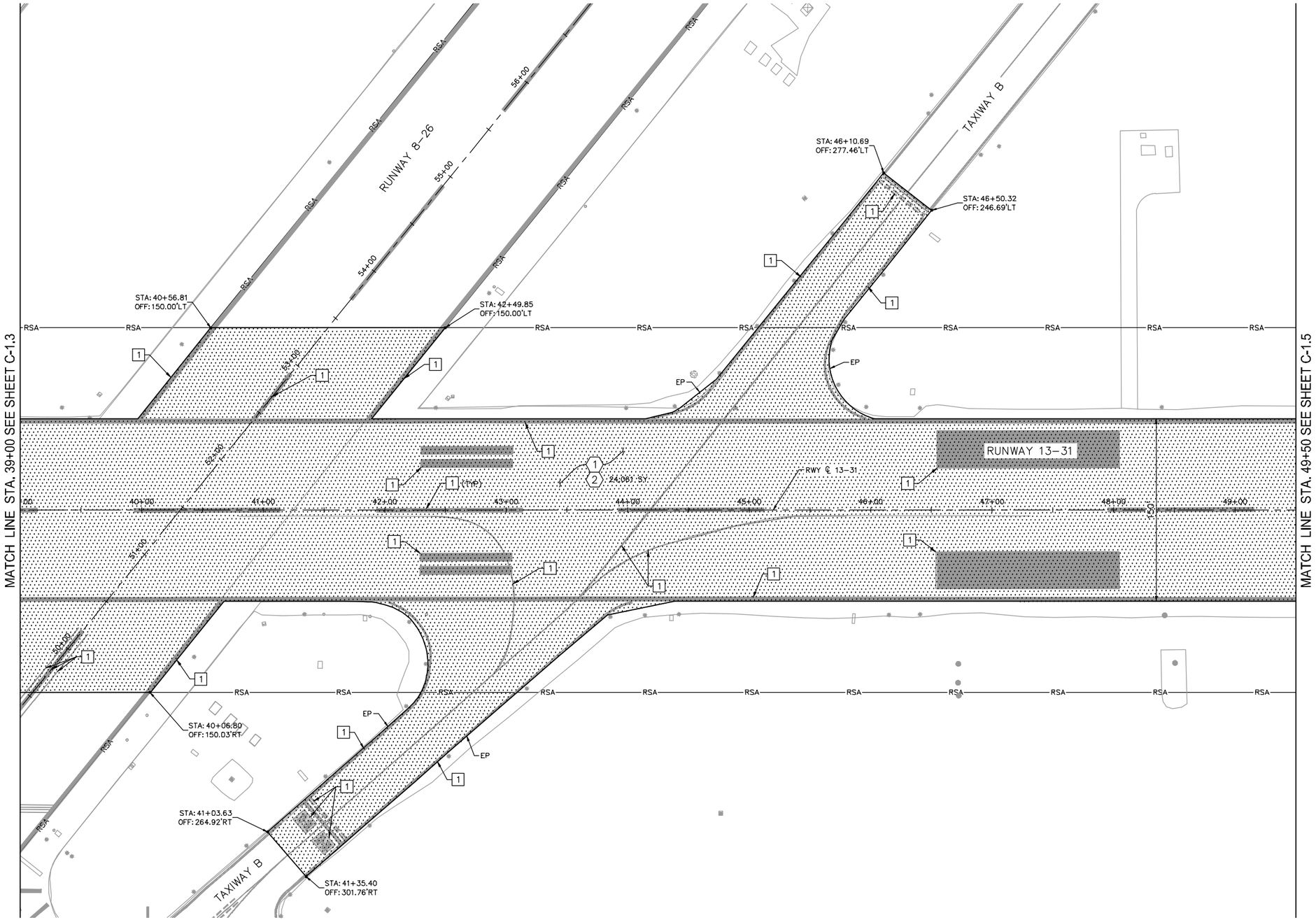

GENERAL NOTES

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CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

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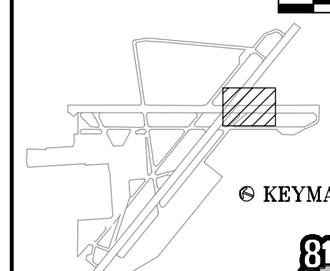
LEGEND

ASPHALT SURFACE TREATMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



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Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
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REGISTERED PROFESSIONAL ENGINEER ROBERT J. FANELLI TON C 76981 CIVIL STATE OF CALIFORNIA 3/1/18

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 13-31 STA 39+00 TO 49+50

PROJECT NO. 094590010
FILE NO. 94590010GL
SHEET NO. C-1.4
TOTAL SHEETS 35

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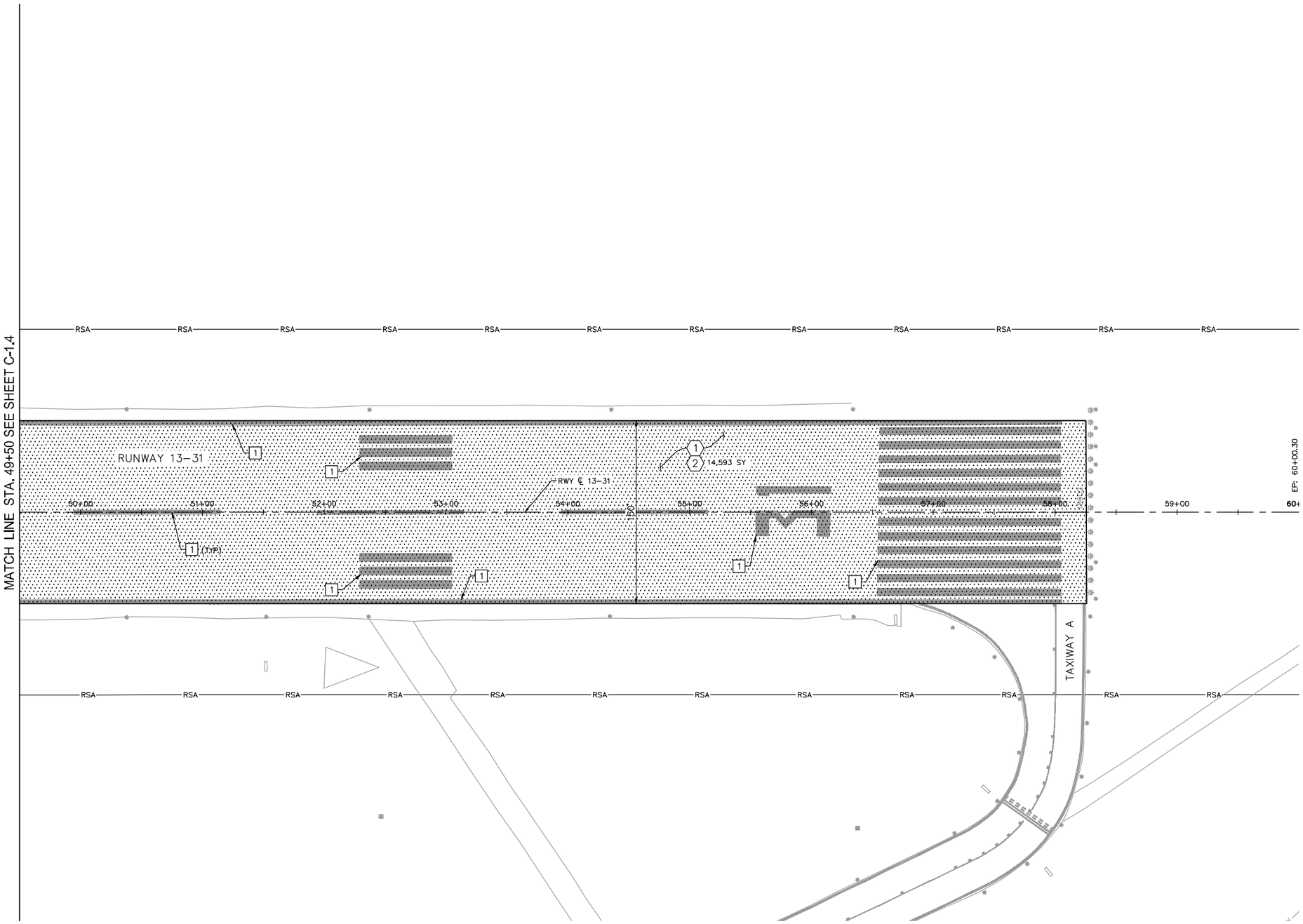

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CONSTRUCTION NOTES

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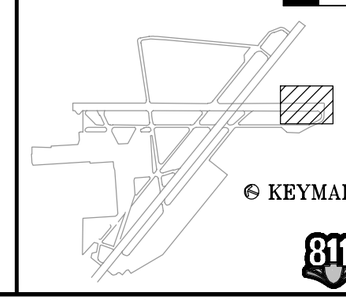
LEGEND

ASPHALT SURFACE TREATMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAWLEY JR. C 76981 STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 13-31 STA 49+50 TO 60+00

PROJECT NO. 094590010
FILE NO. 94590010GL
SHEET NO. C-1.5
TOTAL SHEETS 35

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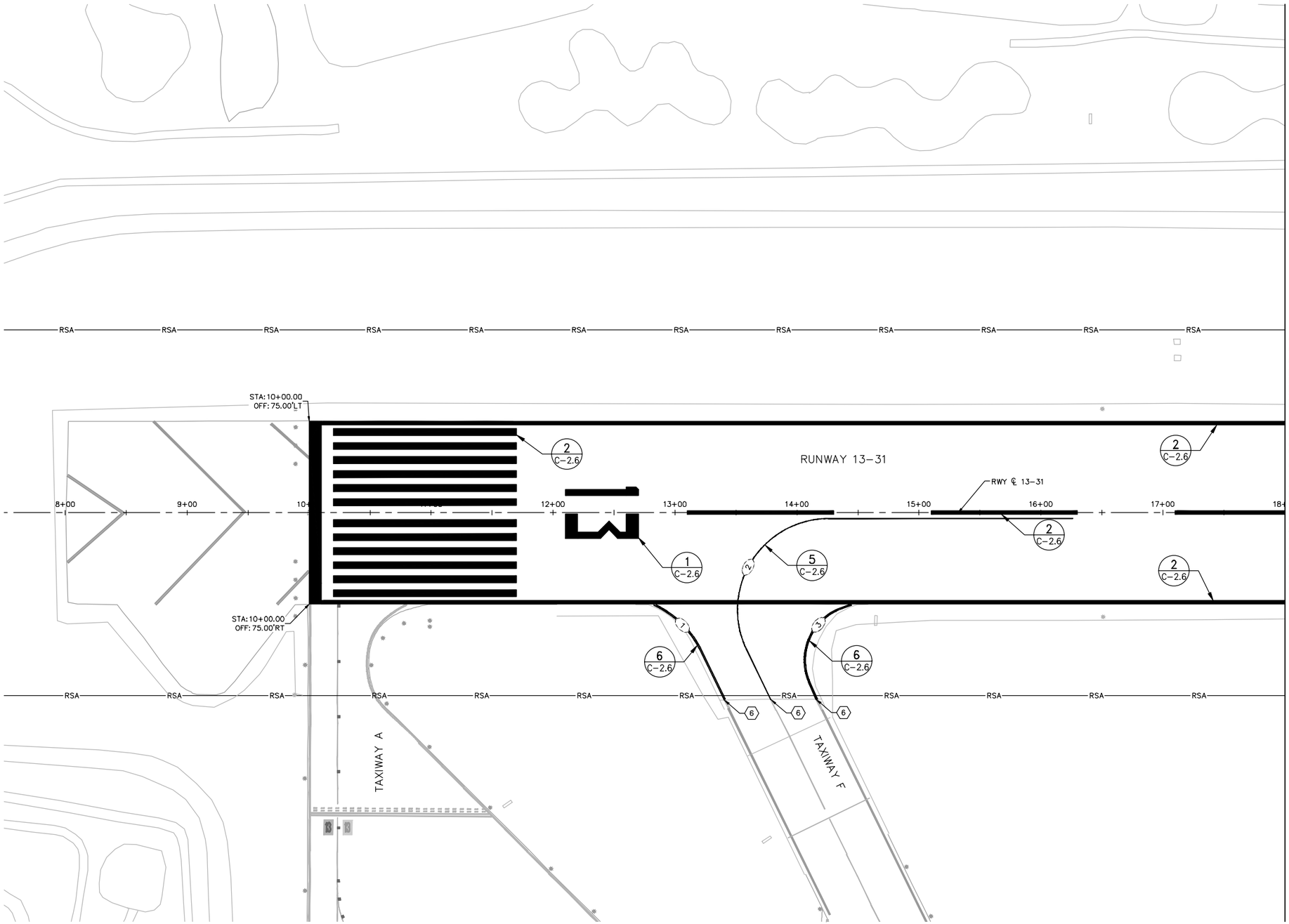

GENERAL NOTES

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2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 13-31, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

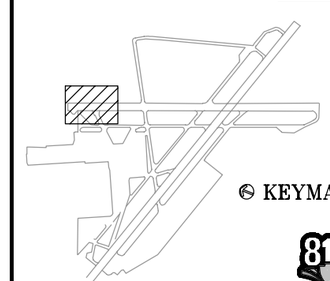
- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
1	80.00'	55.08'	39°26'43"	28.68'
2	74.97'	151.64'	115°53'33"	119.72'
3	45.00'	73.20'	93°12'23"	47.59'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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Date 3/1/2018
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San Jose, California 95113
(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 13-31 STA 10+00 TO 18+00

PROJECT NO. 094590010
FILE NO. 94590010PM
SHEET NO. C-2.1
TOTAL SHEETS 35

2018 Feb 28 - 10:34am K:\PL_Aviation\094590010 - sna rwy 13-31 8-26 rehab\3_CADD\plansheets\94590010PM.dwg
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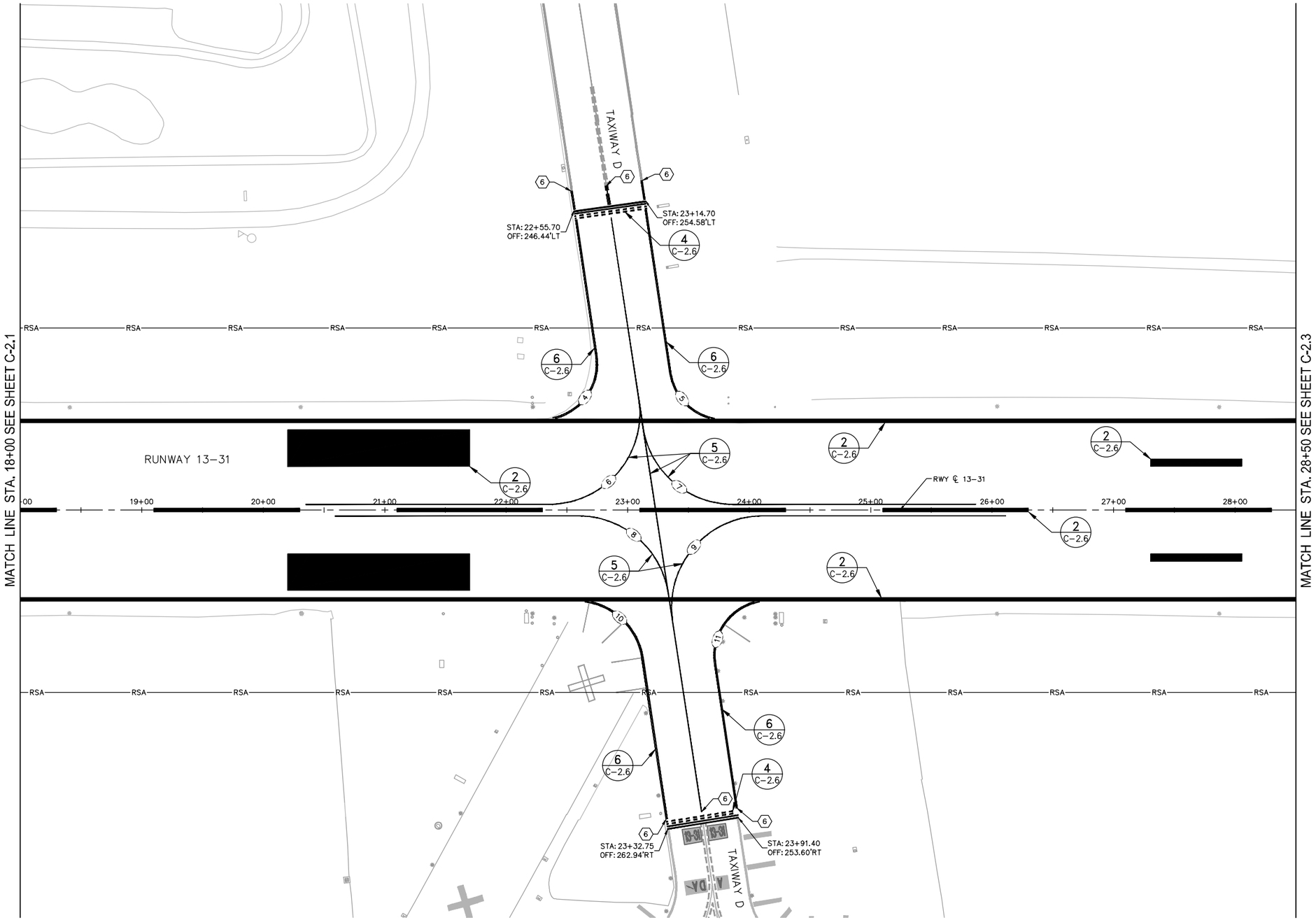

GENERAL NOTES

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2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
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CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

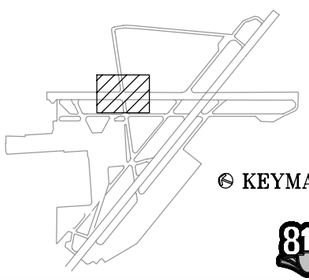
- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
4	45.00'	68.14'	86°45'27"	42.52'
5	45.00'	55.25'	70°20'37"	31.71'
6	75.00'	110.05'	84°04'08"	67.61'
7	75.00'	106.57'	81°24'56"	64.53'
8	75.00'	106.52'	81°22'27"	64.48'
9	75.00'	128.86'	98°26'28"	86.95'
10	55.00'	70.70'	73°38'59"	41.18'
11	45.00'	68.91'	87°44'18"	43.26'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:
James E. Sandoval, P.E.,
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Reviewed By:
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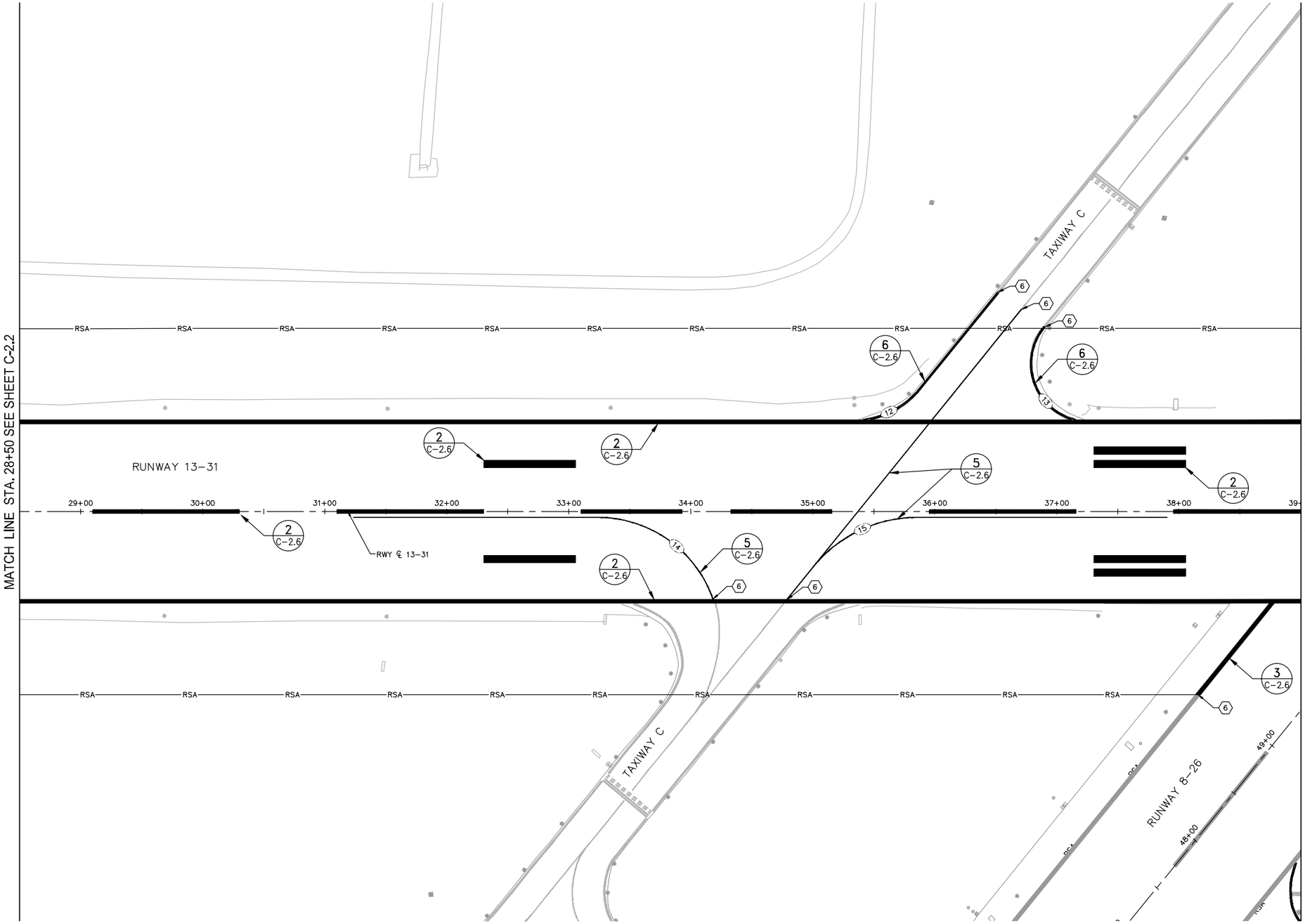
SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 13-31 STA 18+00 TO 28+50

PROJECT NO. 094590010
FILE NO. 94590010PM
SHEET NO. C-2.2
TOTAL SHEETS 35



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LEGEND

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- NEW TAXIWAY CENTER LINE MARKING
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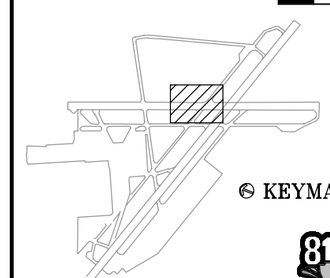
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
12	70.00'	53.80'	44°02'23"	28.31'
13	47.00'	94.41'	115°05'24"	73.90'
14	100.00'	126.87'	72°41'33"	73.58'
15	110.00'	97.95'	51°01'18"	52.49'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



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SALINAS, CALIFORNIA

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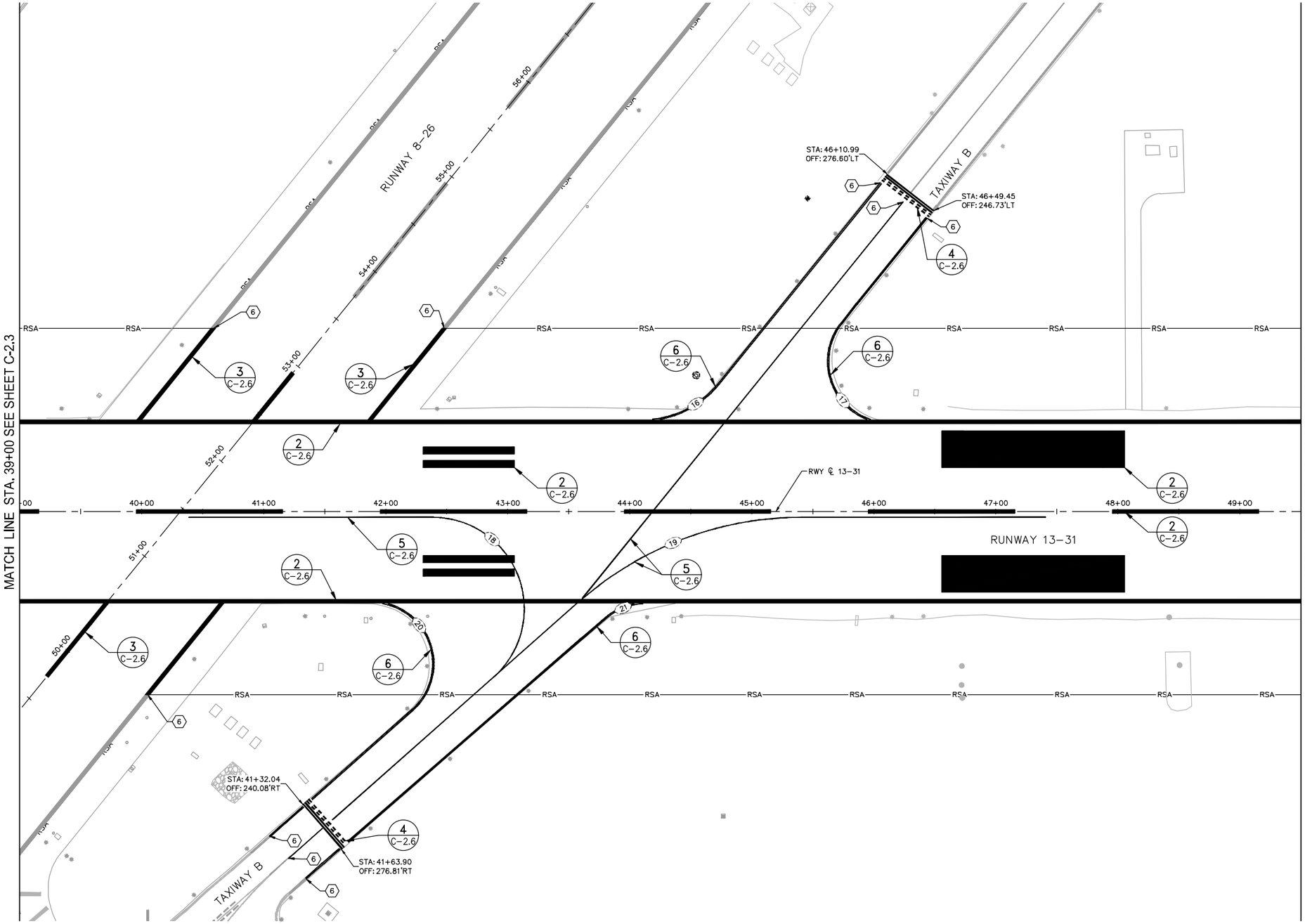

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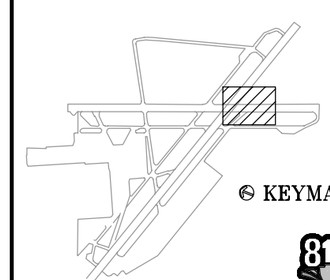
CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
16	80.00'	62.60'	44°50'12"	33.00'
17	50.00'	96.13'	110°09'15"	71.61'
18	75.00'	181.33'	138°31'20"	198.07'
19	275.00'	196.51'	40°56'36"	102.66'
20	50.00'	111.86'	128°10'37"	102.92'
21	50.00'	32.99'	37°47'56"	17.12'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



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SALINAS, CALIFORNIA

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2018 Feb 28 – 10:35am K:\SJ_Aviation\094590010 – sna rwy 13-31 8-26 rehab\3_CADD\plansheets\94590010PM.dwg
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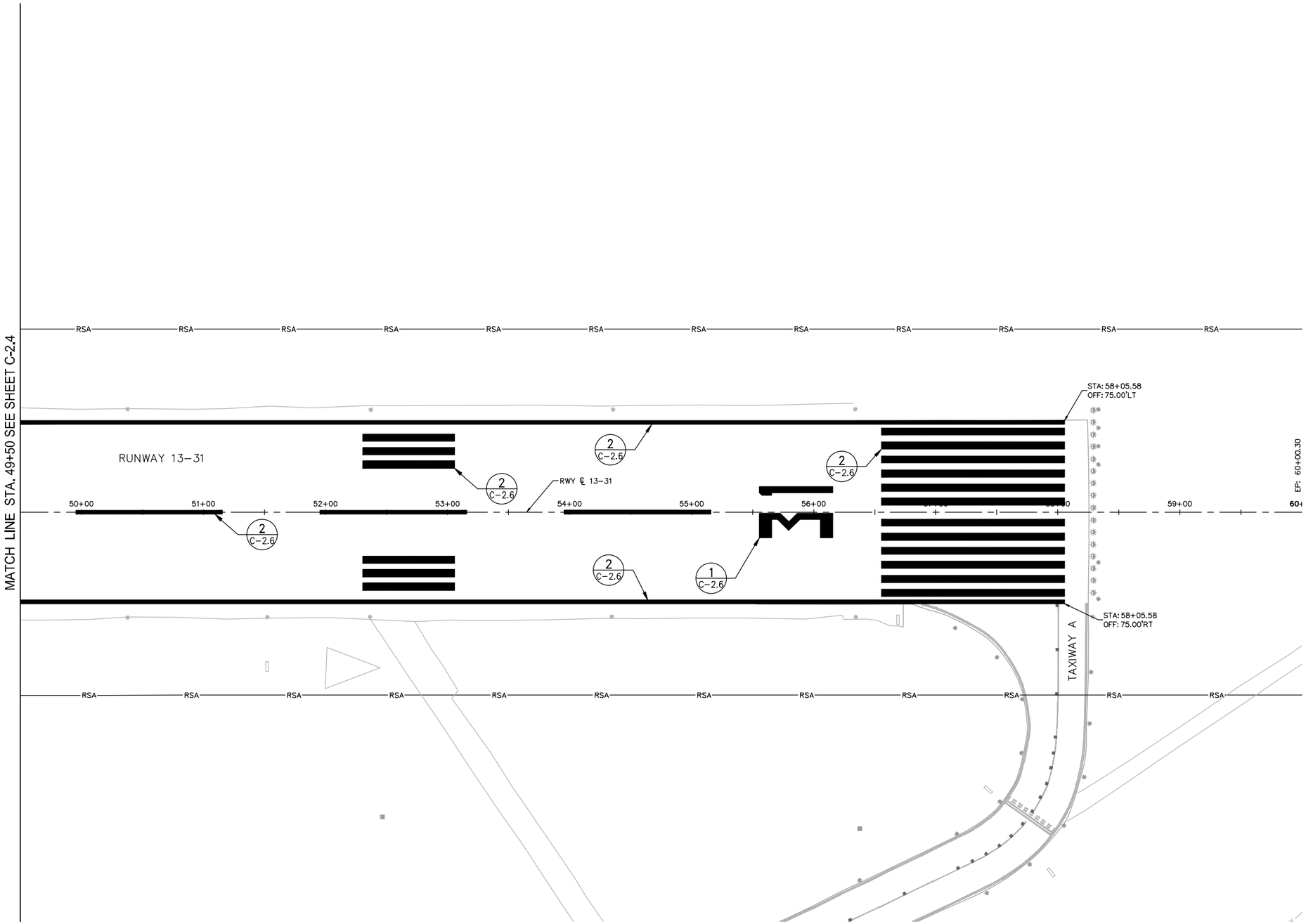


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 13-31, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

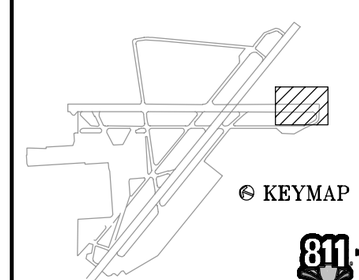
(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

811 Know what's below. Call before you dig.

NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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100 W. San Fernando St #250
San Jose, California 95113
(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. FANTON C 76981 STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 13-31 STA 49+50 TO 60+00

PROJECT NO. 094590010
FILE NO. 94590010PM
SHEET NO. C-2.5
TOTAL SHEETS 35

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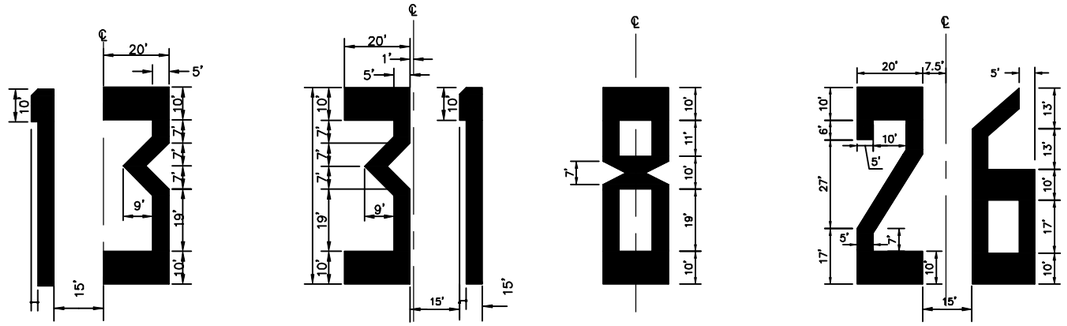
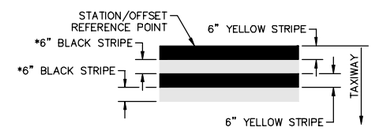


LAYOUT NOTES:
VERTICAL STROKE IS 5.00'
HORIZONTAL STROKE IS 10.00'
DIAGONAL STROKE IS 5.00'

1 / C-2.6 **RUNWAY DESIGNATION NUMERALS AND LETTERS**
N.T.S.

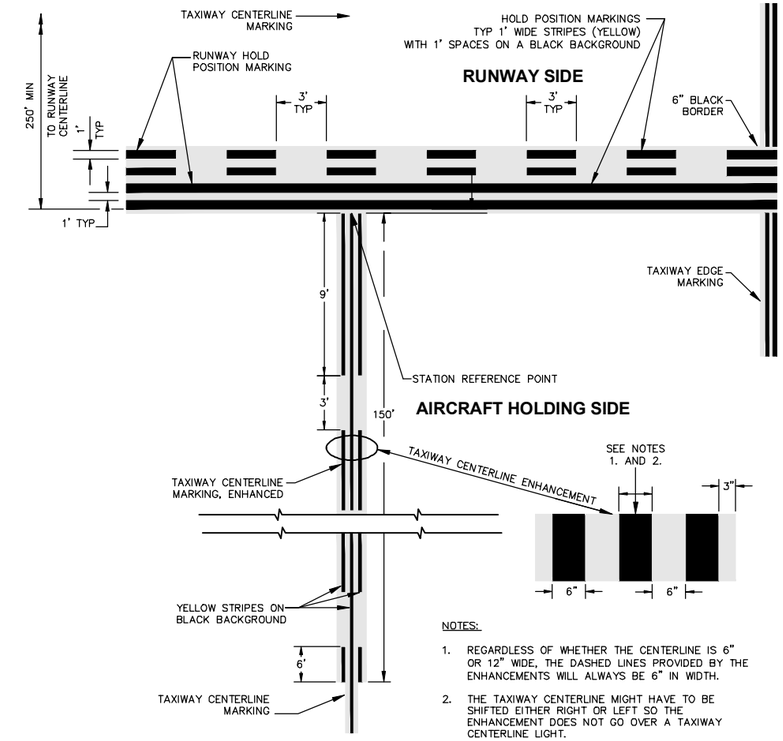
* BLACK OUTLINE REQUIRED ON EXISTING PAVEMENT

5 / C-2.6 **TAXIWAY CENTERLINE PAVEMENT MARKING - CONTINUOUS**
N.T.S.



* BLACK OUTLINE REQUIRED PCCP ONLY

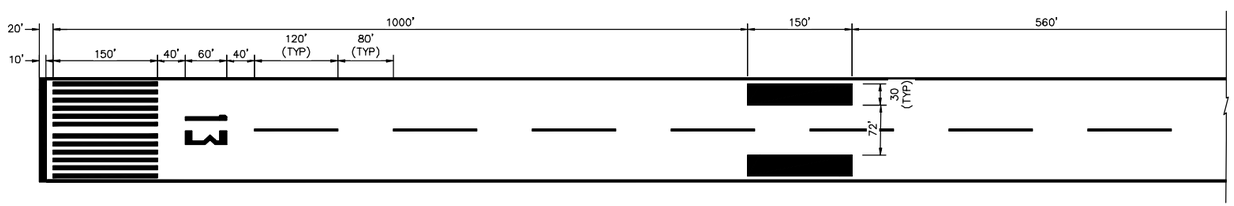
6 / C-2.6 **TAXIWAY EDGE PAVEMENT MARKING - CONTINUOUS**
N.T.S.

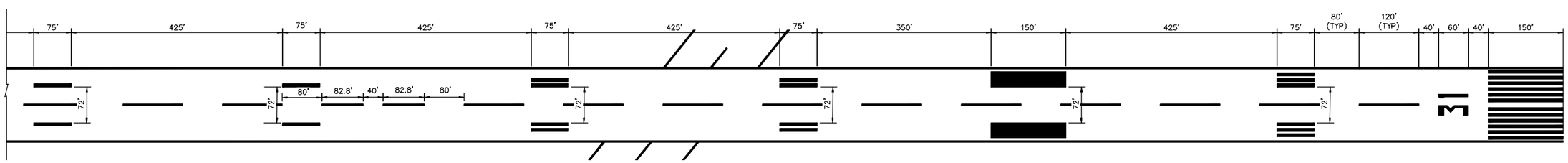


NOTES:

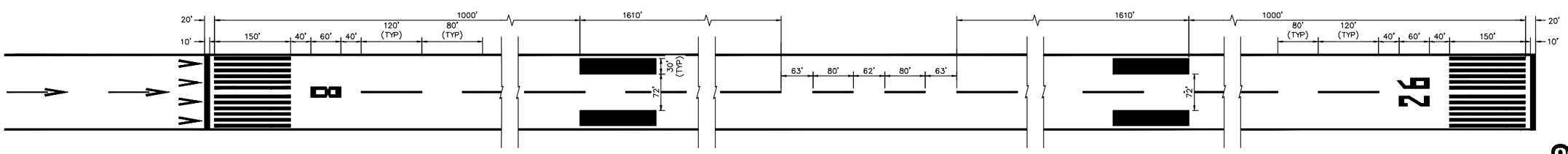
1. REGARDLESS OF WHETHER THE CENTERLINE IS 6" OR 12" WIDE, THE DASHED LINES PROVIDED BY THE ENHANCEMENTS WILL ALWAYS BE 6" IN WIDTH.
2. THE TAXIWAY CENTERLINE MIGHT HAVE TO BE SHIFTED EITHER RIGHT OR LEFT SO THE ENHANCEMENT DOES NOT GO OVER A TAXIWAY CENTERLINE LIGHT.

4 / C-2.6 **RUNWAY HOLD POSITION AND ENHANCED TAXIWAY CENTERLINE MARKING**
N.T.S.





2 / C-2.6 **RUNWAY 13-31 MARKINGS**
N.T.S.



3 / C-2.6 **RUNWAY 8-26 MARKINGS**
N.T.S.

NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT SALINAS, CALIFORNIA

Approved for Construction By:
James E. Sandoval, P.E., Public Works Assistant Director/City Engineer — Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
BASE BID
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING DETAIL

PROJECT NO.
FILE NO.
SHEET NO. C-2.6
TOTAL SHEETS 35

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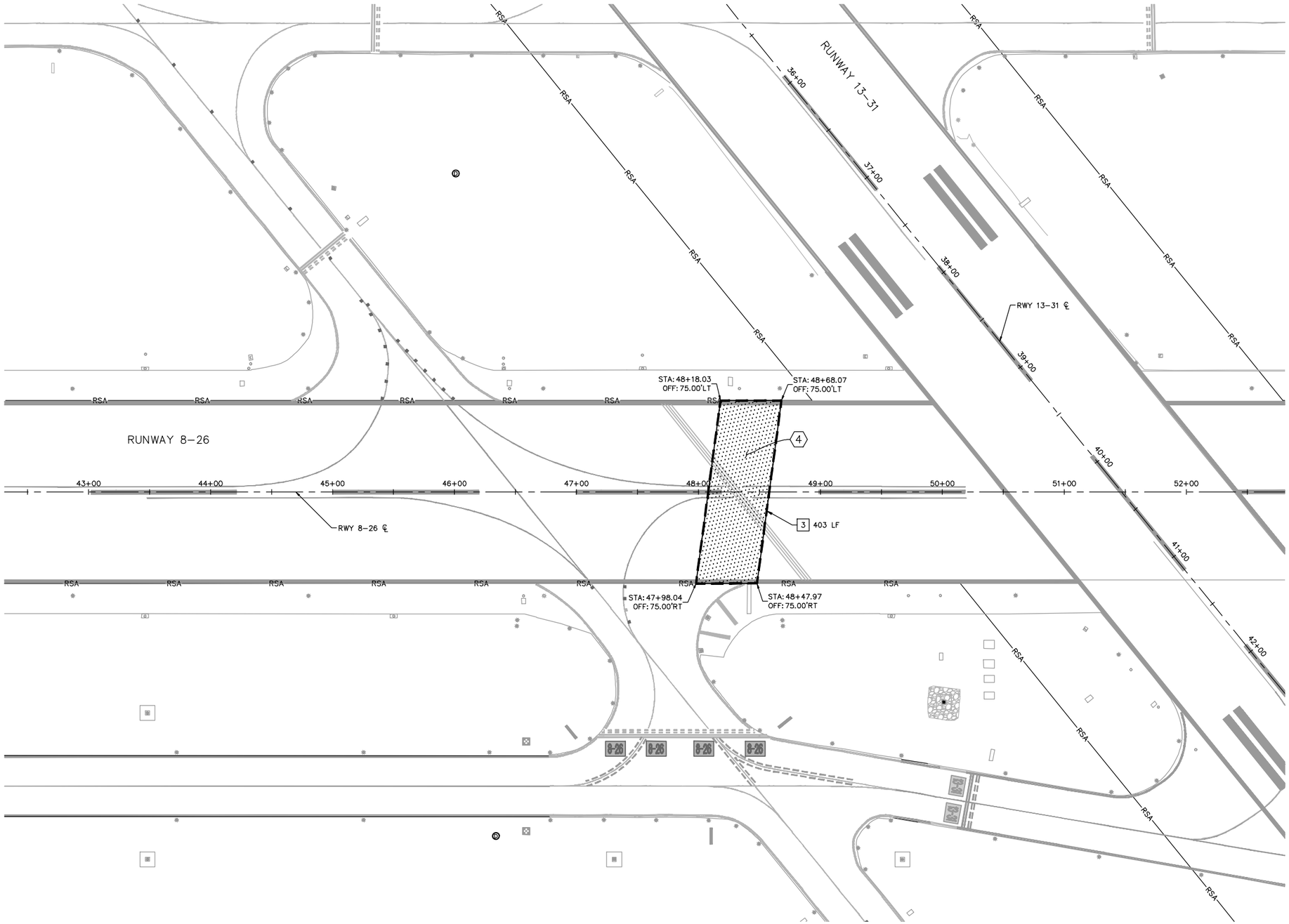


GENERAL NOTES

1. SEE SHEET T–0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET T–0.8 FOR TYPICAL SECTIONS AND DETAILS.
3. SEE SHEET C3–2.1 TO C3–2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
4. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8–26, UNLESS OTHERWISE NOTED.

DEMOLITION NOTES

ITEMS TO BE REMOVED, RELOCATED, SALVAGED, OR ABANDONED IN PLACE.

3 SAWCUT FULL DEPTH (P–120)
LENGTH AS NOTED

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

4 FULL DEPTH TRENCH REPAIR
REFER TO SHEET T–0.8, DETAIL 3

LEGEND

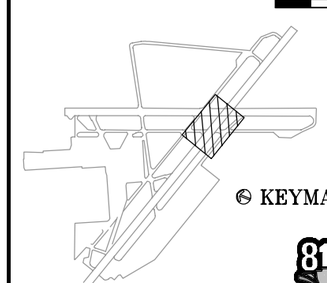
RUNWAY 8–26 FULL DEPTH TRENCH REPAIR

CENTERLINE/ALIGNMENT

SAWCUT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
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REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 1
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT

PROJECT NO. 094590010
FILE NO. 945900101GL001
SHEET NO. C1-1.1
TOTAL SHEETS 35

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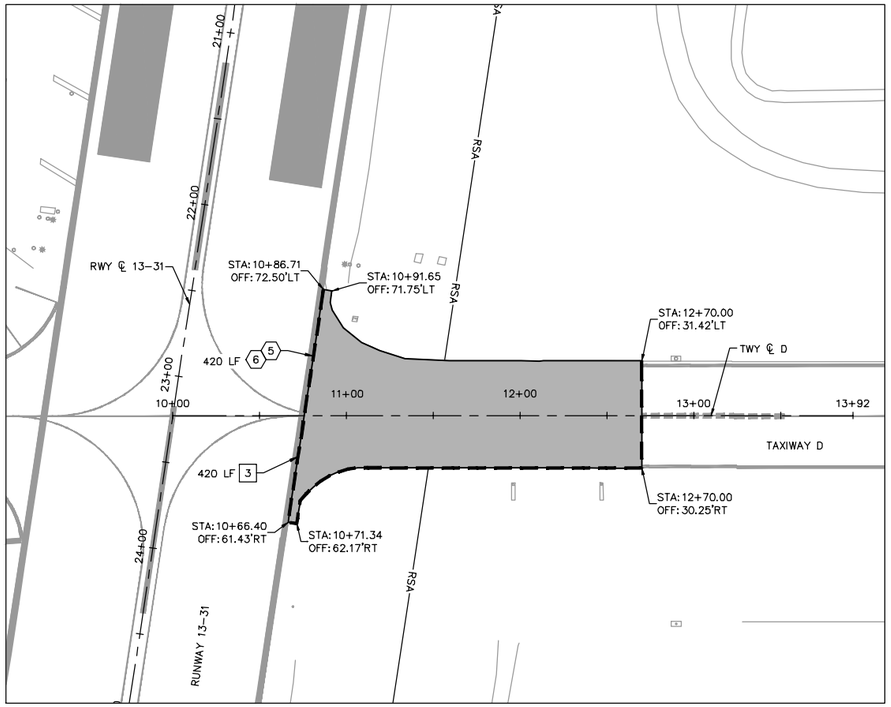
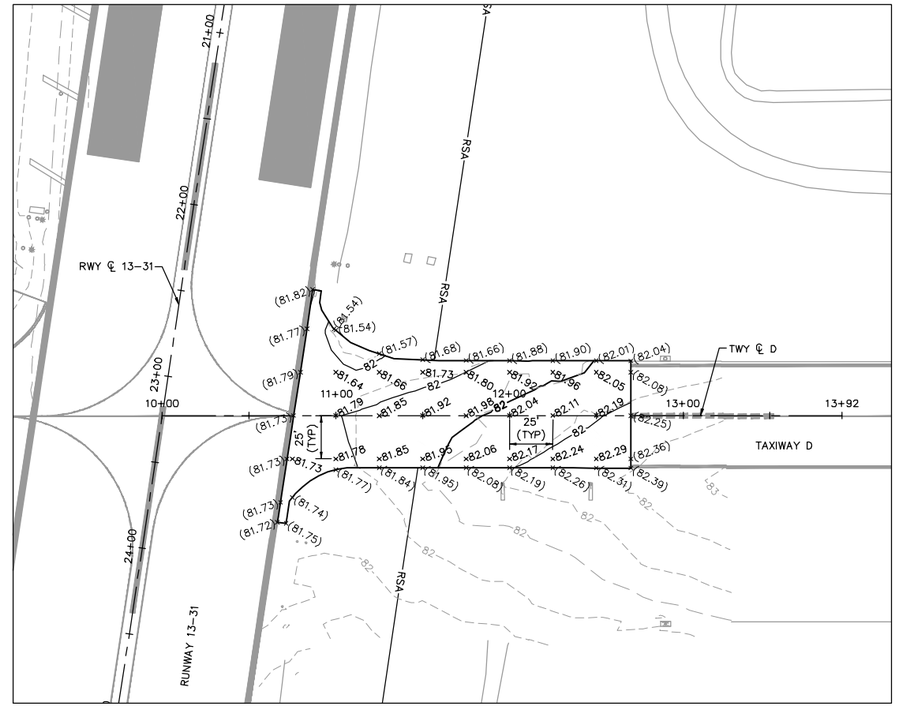
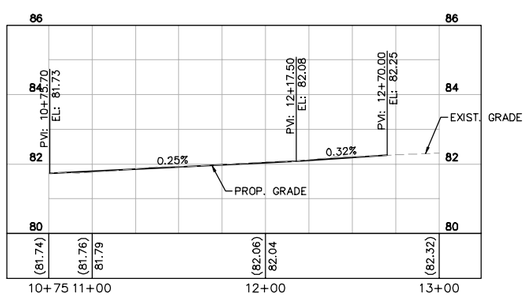


TAXIWAY D GEOMETRIC LAYOUT PLAN



TAXIWAY D PAVEMENT ELEVATION PLAN



TAXIWAY D PROFILE

GENERAL NOTES

1. SEE SHEET T–0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET T–0.8 FOR TYPICAL SECTION AND DETAILS.
3. SEE SHEET C–2.1 TO C–2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
4. ALL STATIONING AND OFFSETS REFERENCE TAXIWAY D, UNLESS OTHERWISE NOTED.

LEGEND

- BITUMINOUS CONCRETE PAVEMENT/MILL AND FILL SEE SHEET T–0.8 FOR PAVEMENT SECTIONS
- CENTERLINE/ALIGNMENT
- 0.25% — PROPOSED CENTERLINE GRADE
- SAWCUT
- (TOP)/BOT — (TOP) = EXISTING ELEVATION; BOT = PROPOSED ELEVATION
- × (##.##) — EXISTING SPOT ELEVATION (IN FEET)
- × ##.## — PROPOSED SPOT ELEVATION (IN FEET)

DEMOLITION NOTES

ITEMS TO BE REMOVED, RELOCATED, SALVAGED, OR ABANDONED IN PLACE.

3 SAWCUT PARTIAL DEPTH (P–120) LENGTH AS NOTED

CONSTRUCTION NOTES

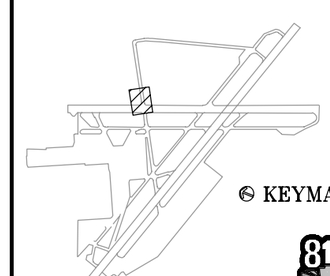
ITEMS TO BE CONSTRUCTED OR INSTALLED.

3 ASPHALT JOINT ADHESIVE (P–605)

5 MATCH EXISTING GRADE

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80
HORIZONTAL
VERTICAL 4 2 1 0



KEYMAP

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Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
(691) 800–4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 2
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT ELEVATION AND PLAN AND PROFILE

PROJECT NO. 094590010
FILE NO. 94590010PEaa1
SHEET NO. C2-1.1
TOTAL SHEETS 35

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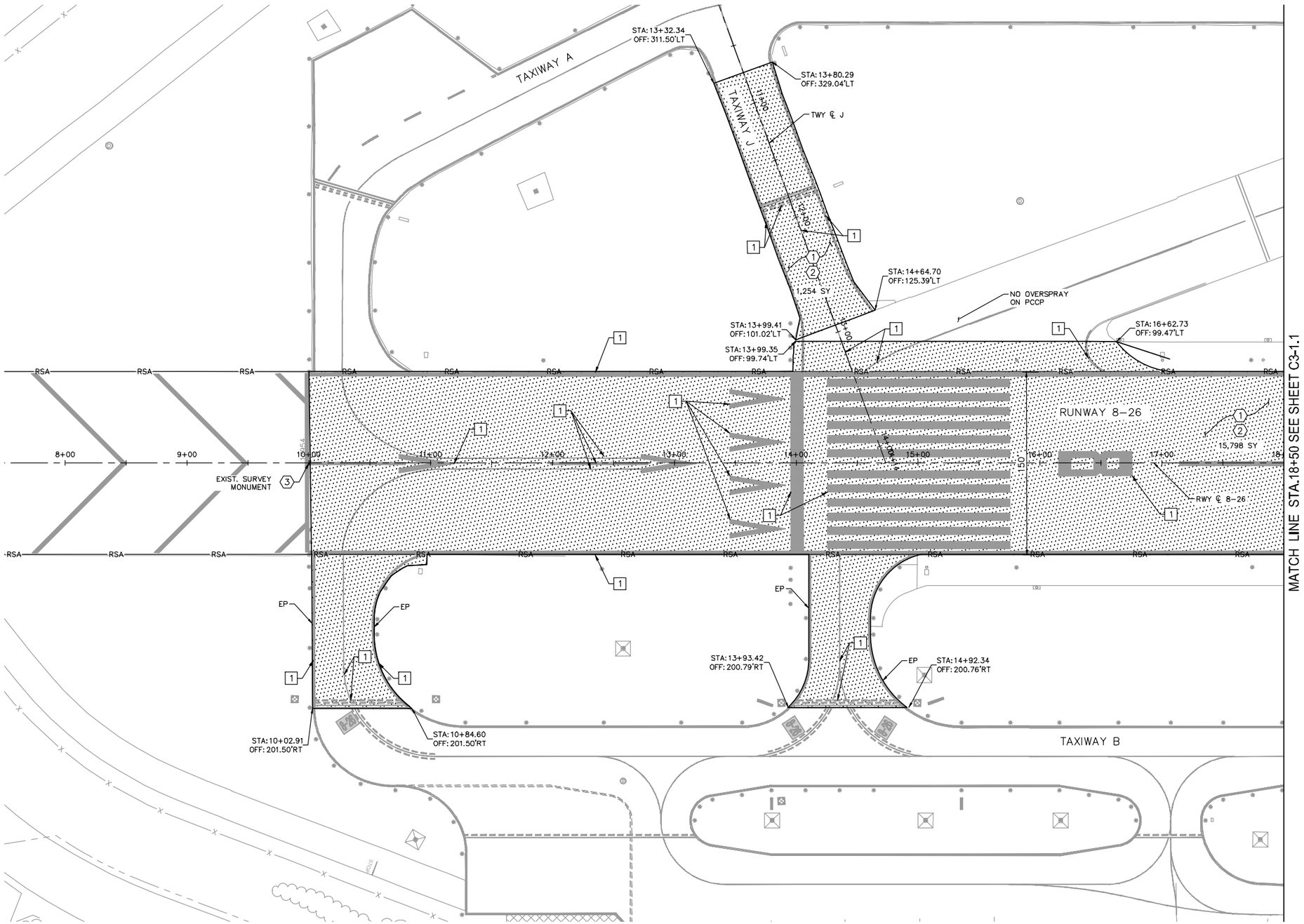

GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ANY LOOSE LAYERS OF EXISTING PAVEMENT MATERIAL MUST BE REMOVED PRIOR TO THE INSTALLATION OF NEW ASPHALT SURFACE TREATMENT.
4. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
5. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(1) HOT POURED CRACK SEALING (P-411) (AREA AS NOTED)

(2) EMULSIFIED ASPHALT SEAL COAT (P-608) (AREA AS NOTED)

(3) PROTECT IN PLACE

DEMOLITION NOTES

[1] PAVEMENT MARKING REMOVAL

LEGEND

ASPHALT SURFACE TREATMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEYMAP

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
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REGISTERED PROFESSIONAL ENGINEER ROBERT J. HANLON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 8-26 STA 10+00 TO 18+00

PROJECT NO. 094590010
FILE NO. 94590010GLoo2
SHEET NO. C3-1.1
TOTAL SHEETS 35

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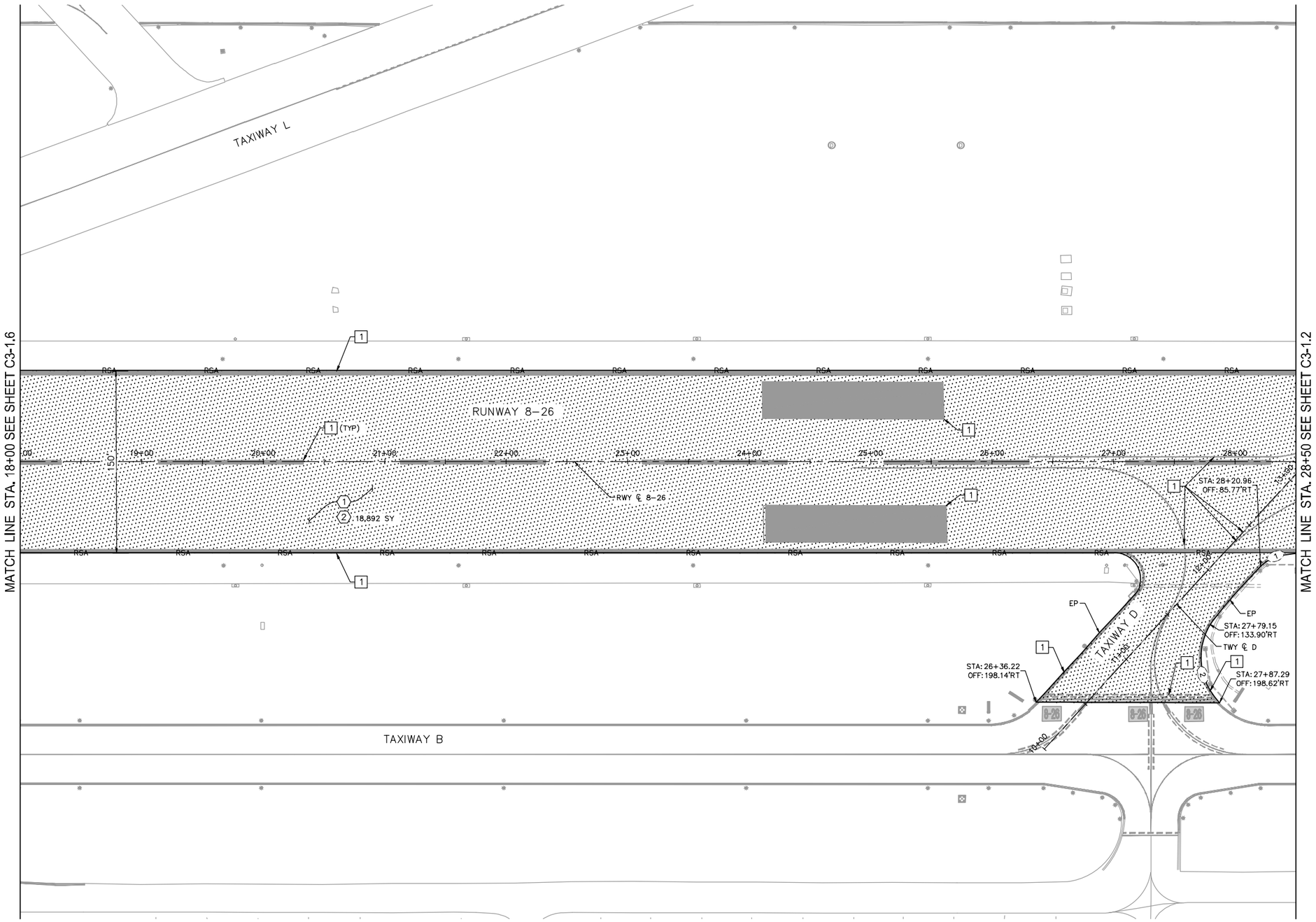


GENERAL NOTES

1. SEE SHEET T–0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C3–2.1 TO C3–2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ANY LOOSE LAYERS OF EXISTING PAVEMENT MATERIAL MUST BE REMOVED PRIOR TO THE INSTALLATION OF NEW ASPHALT SURFACE TREATMENT.
4. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
5. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8–26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

1. HOT POURED CRACK SEALING (P–411) (AREA AS NOTED)
2. EMULSIFIED ASPHALT SEAL COAT (P–608) (AREA AS NOTED)
3. PROTECT IN PLACE

DEMOLITION NOTES

1. PAVEMENT MARKING REMOVAL

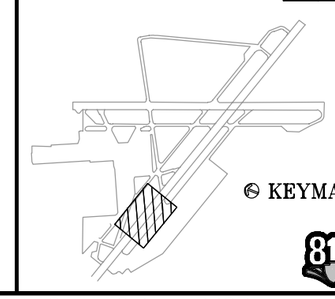
LEGEND

ASPHALT SURFACE TREATMENT

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
1	38.64'	20.76'	30°46'54"	10.64'
2	57.15'	32.74'	32°49'30"	16.83'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
(691) 800–4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS HIGH IN SAND / RICH IN VALUES

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 8-26 STA 18+00 TO 28+50

PROJECT NO. 094590010
FILE NO. 94590010DGL002
SHEET NO. C3-1.2
TOTAL SHEETS 35

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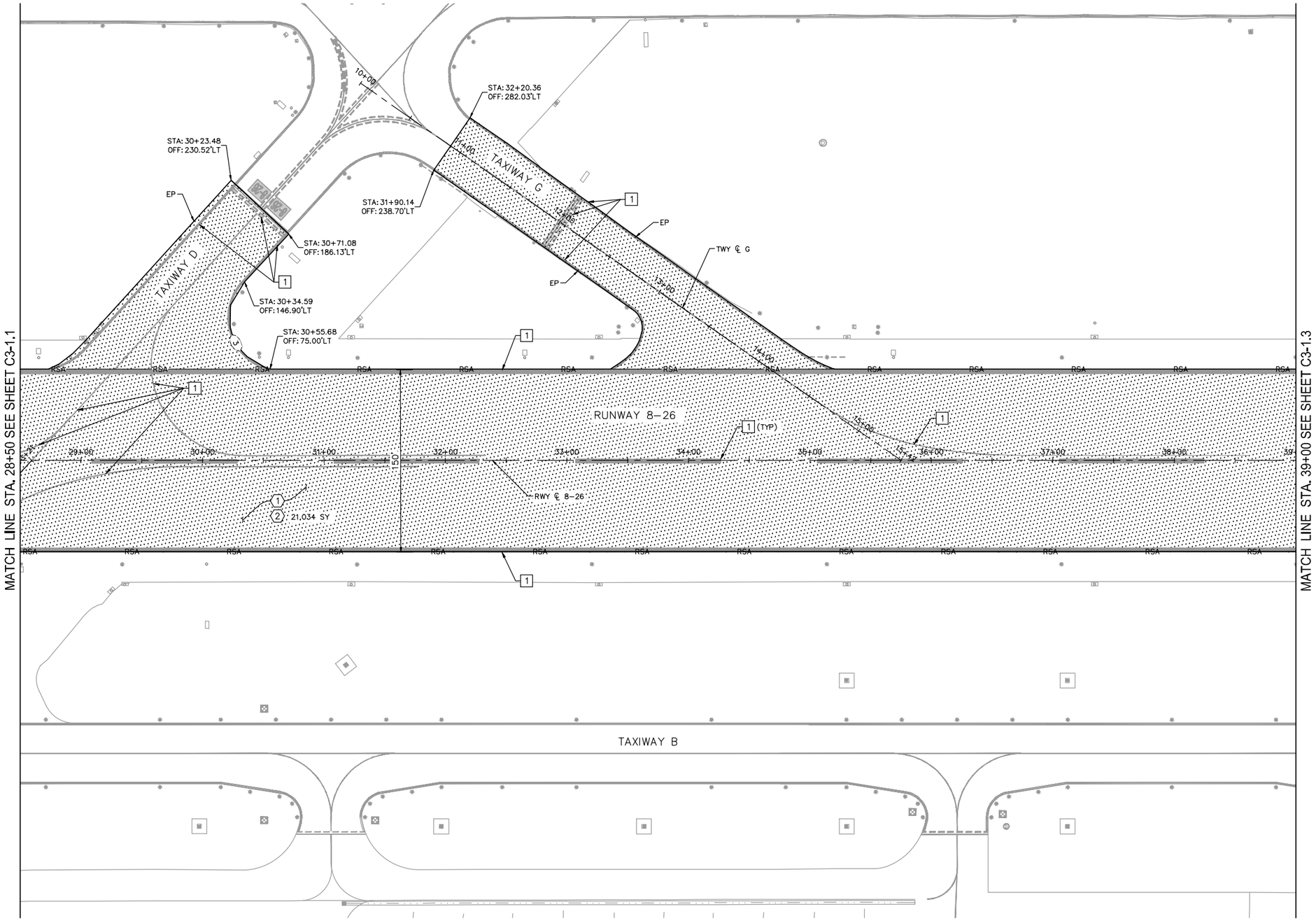


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ANY LOOSE LAYERS OF EXISTING PAVEMENT MATERIAL MUST BE REMOVED PRIOR TO THE INSTALLATION OF NEW ASPHALT SURFACE TREATMENT.
4. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
5. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

1. HOT POURED CRACK SEALING (P-411) (AREA AS NOTED)
2. EMULSIFIED ASPHALT SEAL COAT (P-608) (AREA AS NOTED)
3. PROTECT IN PLACE

DEMOLITION NOTES

1. PAVEMENT MARKING REMOVAL

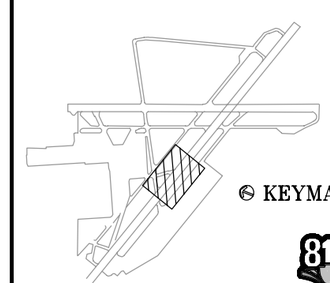
LEGEND

ASPHALT SURFACE TREATMENT

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
3	43.01'	90.95'	121°09'06"	76.26'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

811 Know what's below. Call before you dig.

2018 Feb 28 – 10:27am K:\SL_minfdn\094590010 – ews rwy 13-31 8-26 rehab\3_CADD\plansheets\94590010c.ca2.dwg
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Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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San Jose, California 95113
(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS HIGH IN SAND / RICH IN VALUES

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

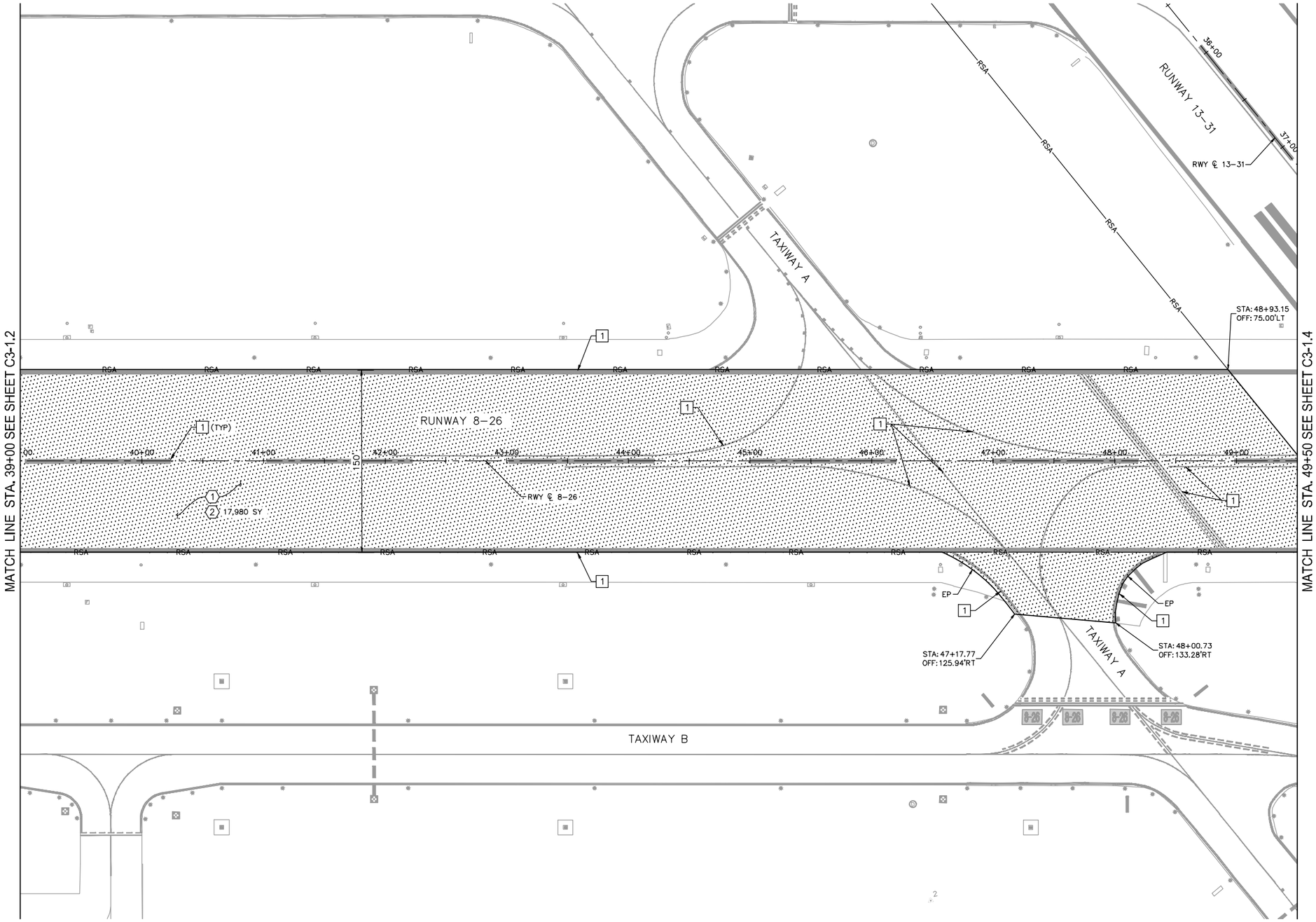
Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 8-26 STA 28+50 TO 39+00

PROJECT NO. 094590010
FILE NO. 94590010GL002
SHEET NO. C3-1.3
TOTAL SHEETS 35



GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ANY LOOSE LAYERS OF EXISTING PAVEMENT MATERIAL MUST BE REMOVED PRIOR TO THE INSTALLATION OF NEW ASPHALT SURFACE TREATMENT.
4. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
5. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

1. HOT POURED CRACK SEALING (P-411) (AREA AS NOTED)
2. EMULSIFIED ASPHALT SEAL COAT (P-608) (AREA AS NOTED)
3. PROTECT IN PLACE

DEMOLITION NOTES

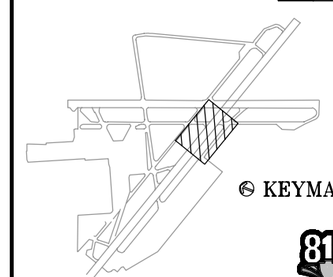
1. PAVEMENT MARKING REMOVAL

LEGEND

ASPHALT SURFACE TREATMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



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(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director Date
Frank A. Aguayo, P.E., Senior Civil Engineer Date
Brett J. Godown, Airport Manager Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 8-26 STA 39+00 TO 49+50

PROJECT NO. 094590010
FILE NO. 94590010GLo02
SHEET NO. C3-1.4
TOTAL SHEETS 35

2018 Feb 28 - 10:37am K:\SL_minor\094590010 - ara rwy 13-31 8-26 rehab\3_CADD\plansheets\94590010GLo02.dwg
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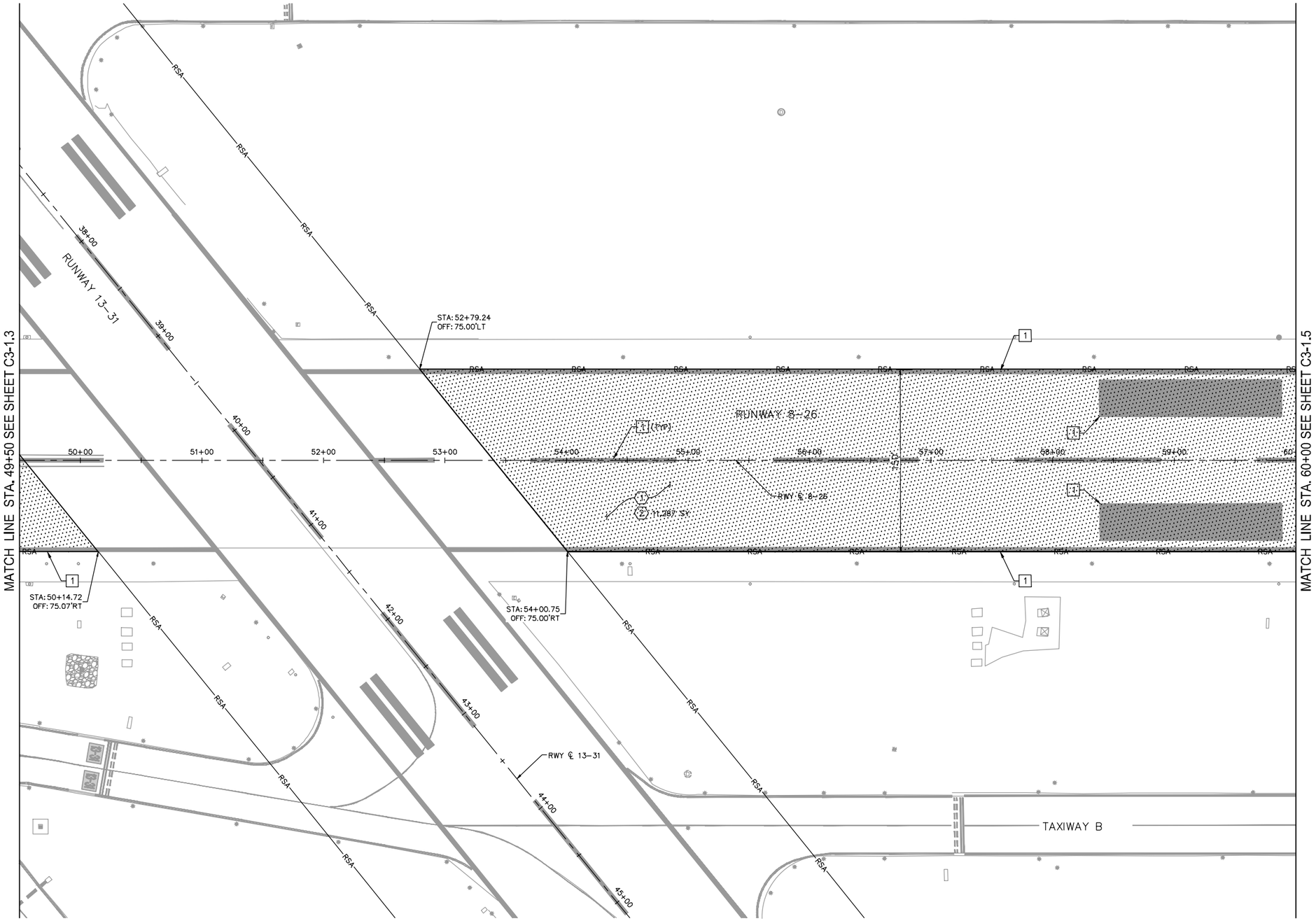


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ANY LOOSE LAYERS OF EXISTING PAVEMENT MATERIAL MUST BE REMOVED PRIOR TO THE INSTALLATION OF NEW ASPHALT SURFACE TREATMENT.
4. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
5. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(1) HOT POURED CRACK SEALING (P-411) (AREA AS NOTED)

(2) EMULSIFIED ASPHALT SEAL COAT (P-608) (AREA AS NOTED)

(3) PROTECT IN PLACE

DEMOLITION NOTES

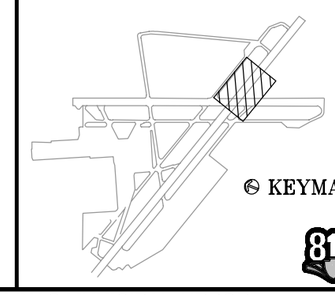
[1] PAVEMENT MARKING REMOVAL

LEGEND

ASPHALT SURFACE TREATMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 8-26 STA 49+50 TO 60+00

PROJECT NO. 094590010
FILE NO. 94590010GL002
SHEET NO. C3-1.5
TOTAL SHEETS 35

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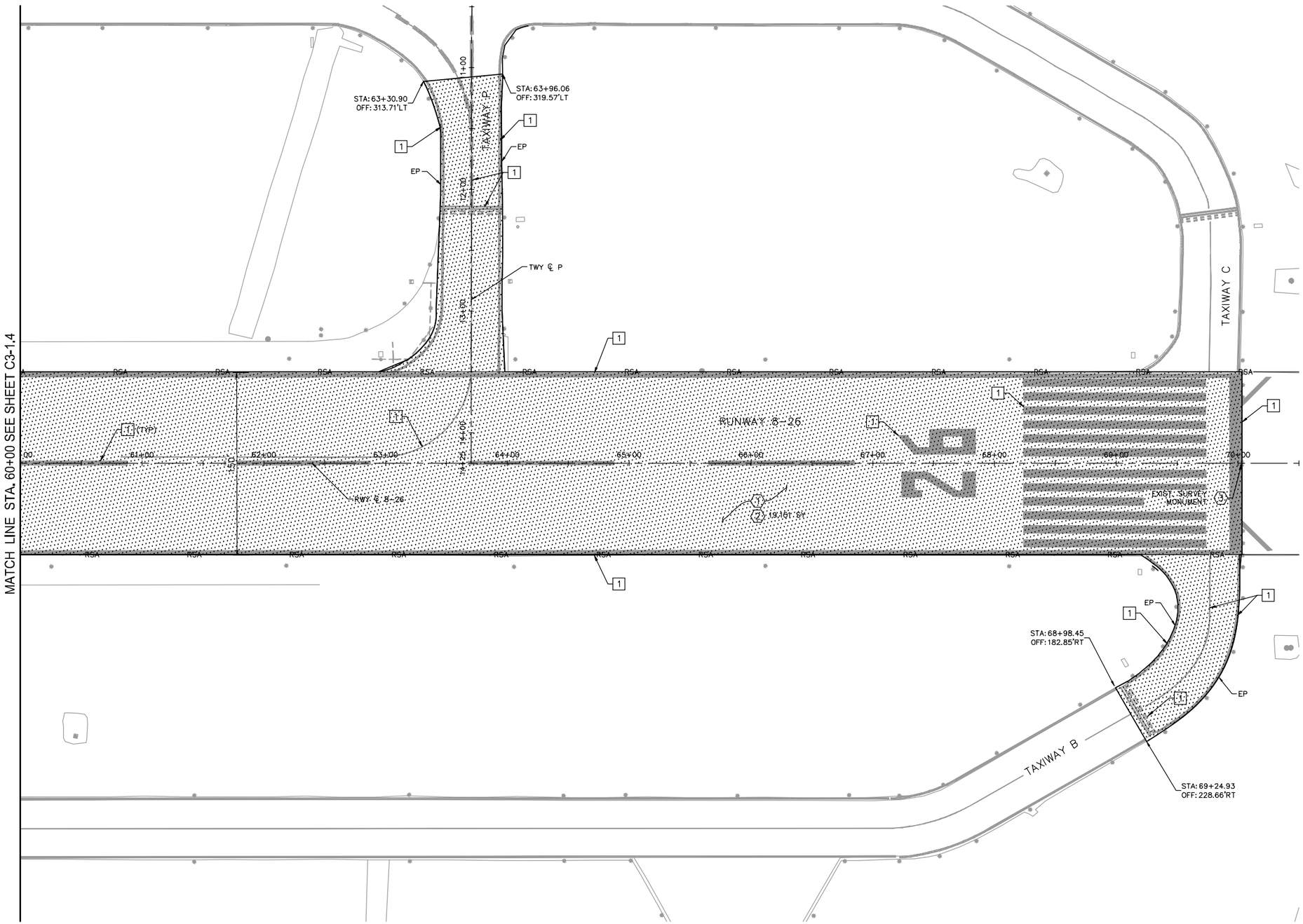


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ANY LOOSE LAYERS OF EXISTING PAVEMENT MATERIAL MUST BE REMOVED PRIOR TO THE INSTALLATION OF NEW ASPHALT SURFACE TREATMENT.
4. ASPHALT SLURRY SEAL SURFACE TREATMENT SHALL EXTEND 6" BEYOND THE OUTSIDE EDGE OF THE RUNWAY EDGE STRIPE.
5. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

1. HOT POURED CRACK SEALING (P-411) (AREA AS NOTED)
2. EMULSIFIED ASPHALT SEAL COAT (P-608) (AREA AS NOTED)
3. PROTECT IN PLACE

DEMOLITION NOTES

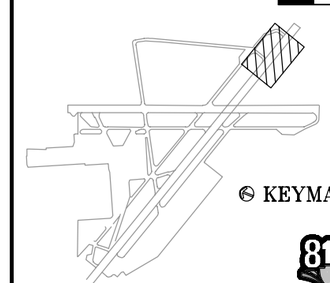
1. PAVEMENT MARKING REMOVAL

LEGEND

ASPHALT SURFACE TREATMENT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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REGISTERED PROFESSIONAL ENGINEER ROBERT J. HANLY TON C 76981 STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date

Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
GEOMETRIC LAYOUT
RWY 8-26 STA 60+00 TO 70+00

PROJECT NO. 094590010
FILE NO. 94590010GLoo2
SHEET NO. C3-1.6
TOTAL SHEETS 35

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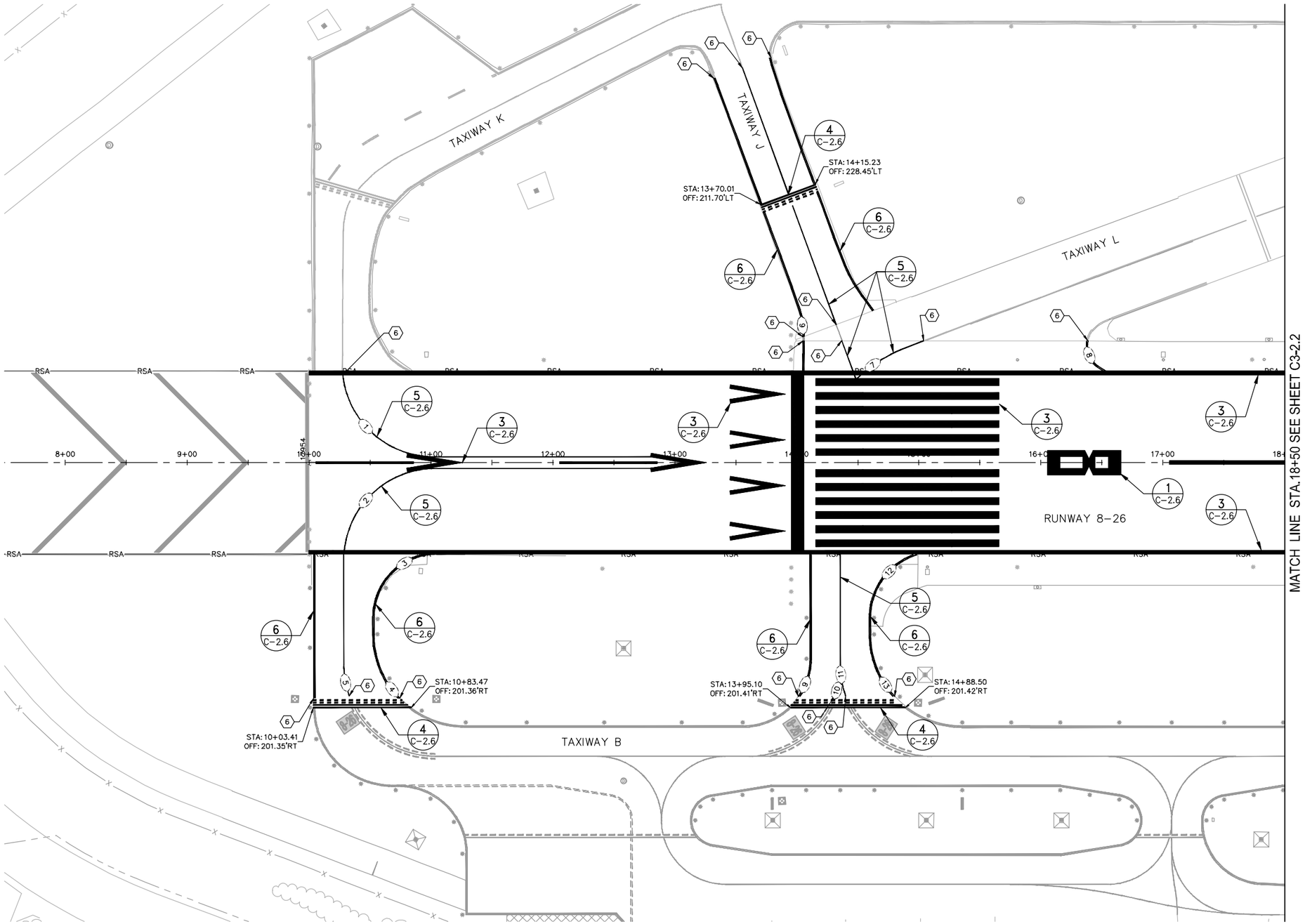


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. CONTRACTOR TO VERIFY THE LOCATION OF EXISTING DISPLACED THRESHOLD PRIOR TO REMOVAL AND ALERT THE ENGINEER IF THE LOCATION DIFFERS THAN THE PROPOSED LOCATION.
4. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

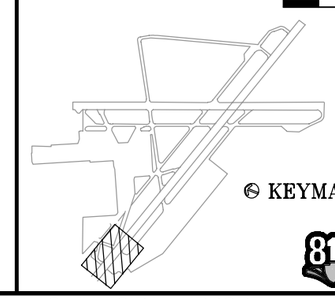
- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
1	75.00'	110.05'	84°04'08"	67.61'
2	75.00'	110.37'	84°18'59"	67.91'
3	52.00'	81.68'	90°00'00"	52.00'
4	75.00'	57.59'	43°59'38"	30.30'
5	75.00'	26.02'	19°52'37"	13.14'
6	71.20'	21.27'	17°07'07"	10.72'
7	79.26'	25.16'	18°11'15"	12.69'
8	20.00'	24.49'	70°08'44"	14.04'
9	55.25'	32.91'	34°07'51"	16.96'
10	75.00'	26.06'	19°54'38"	13.16'
11	75.00'	25.98'	19°50'38"	13.12'
12	54.25'	68.69'	72°32'45"	39.81'
13	75.25'	56.04'	42°40'02"	29.39'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

Approved for Construction By:
James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer
Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 8-26 STA 10+00 TO 18+00

PROJECT NO. 094590010
FILE NO. 94590010PMaa
SHEET NO. C3-2.1
TOTAL SHEETS 35

2018 Feb 28 - 10:38am K:\SJ_aviation\094590010 - sna rwy 13-31 8-26 rehab\3_CADD\plansheets\94590010PMaa.dwg
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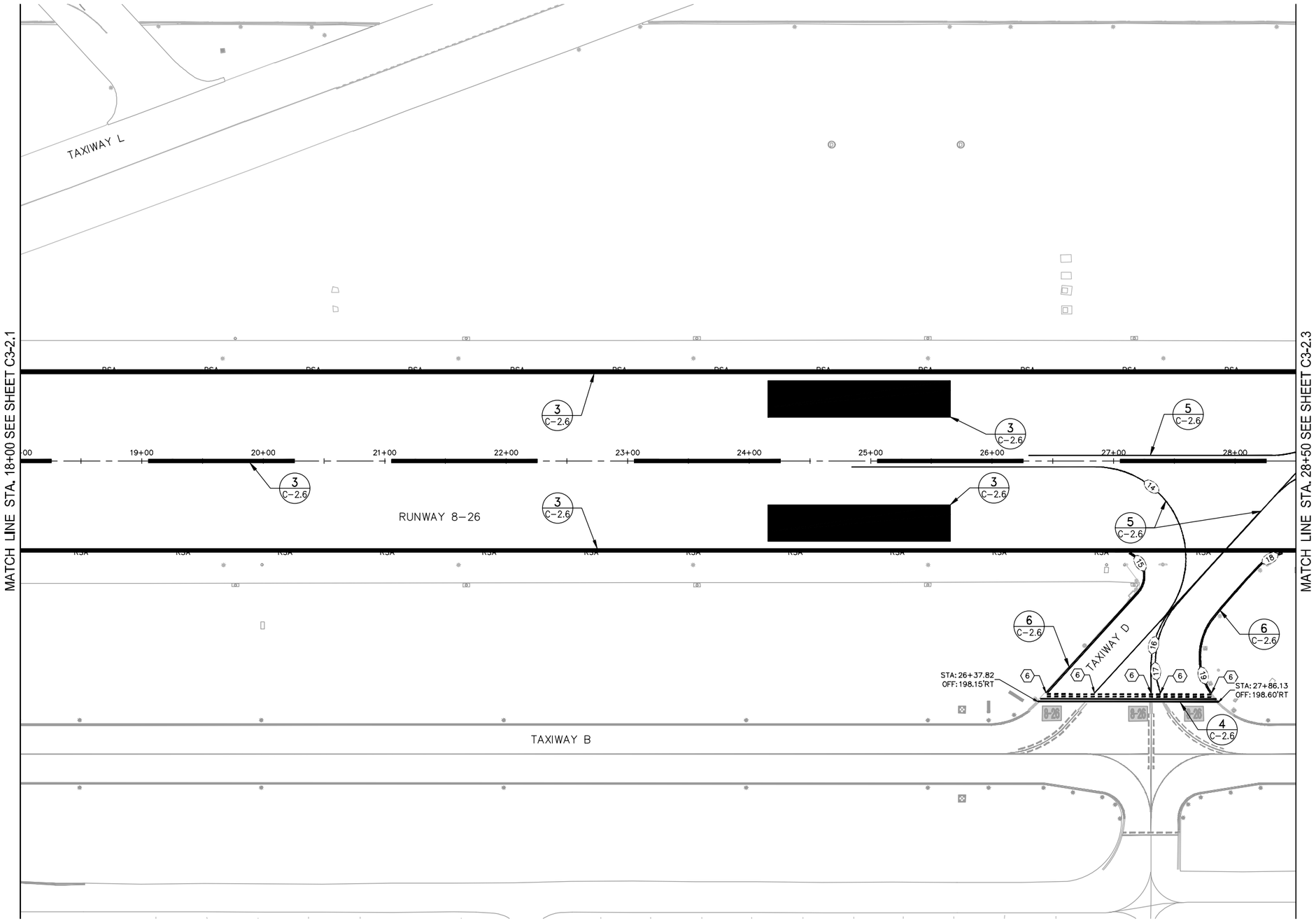


GENERAL NOTES

1. SEE SHEET T–0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C–2.1 TO C–2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8–26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

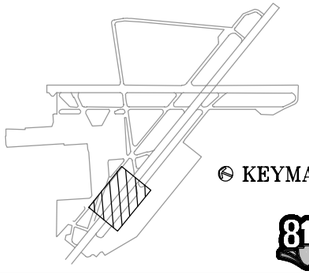
- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
14	75.00'	173.34'	132°25'11"	170.13'
15	20.00'	37.89'	108°32'20"	27.80'
16	75.00'	55.57'	42°27'08"	29.13'
17	75.00'	79.76'	58°55'17"	44.12'
18	38.64'	20.76'	30°46'54"	10.64'
19	53.42'	60.36'	62°16'29"	33.86'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

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Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
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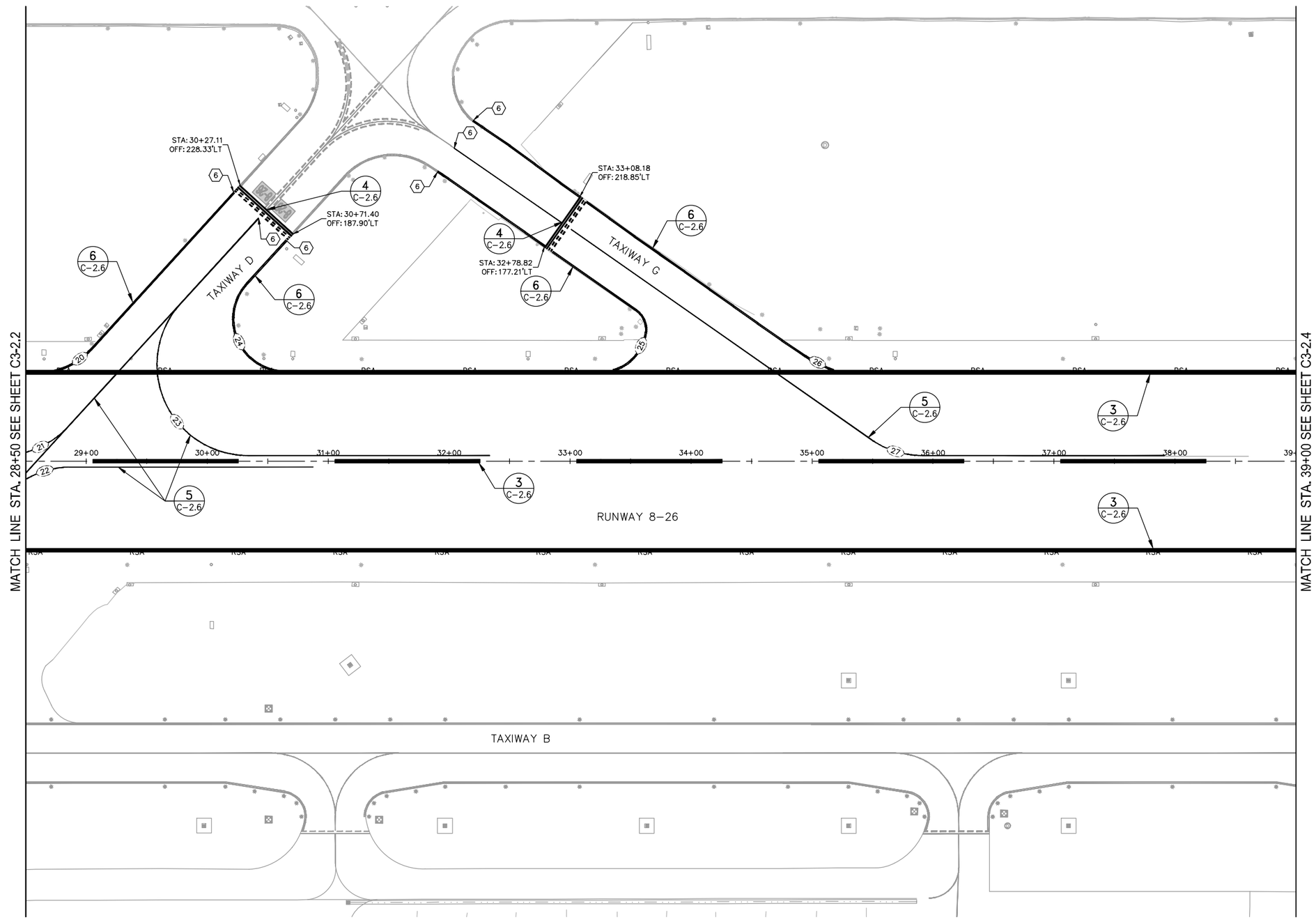
SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 8-26 STA 18+00 TO 28+50

PROJECT NO. 094590010
FILE NO. 94590010PMaa
SHEET NO. C3-2.2
TOTAL SHEETS 35



GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

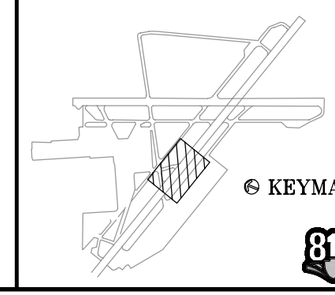
- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
20	60.00'	35.24'	33°39'22"	18.15'
21	75.00'	62.25'	47°33'13"	33.04'
22	75.00'	62.25'	47°33'29"	33.05'
23	75.00'	173.36'	132°26'16"	170.20'
24	43.00'	93.04'	123°57'56"	80.81'
25	35.00'	32.70'	53°31'55"	17.65'
26	135.00'	30.56'	12°58'05"	15.34'
27	75.00'	45.84'	35°01'09"	23.66'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



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SALINAS, CALIFORNIA

Approved for Construction By:
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ADDITIVE ALTERNATIVE NO. 3
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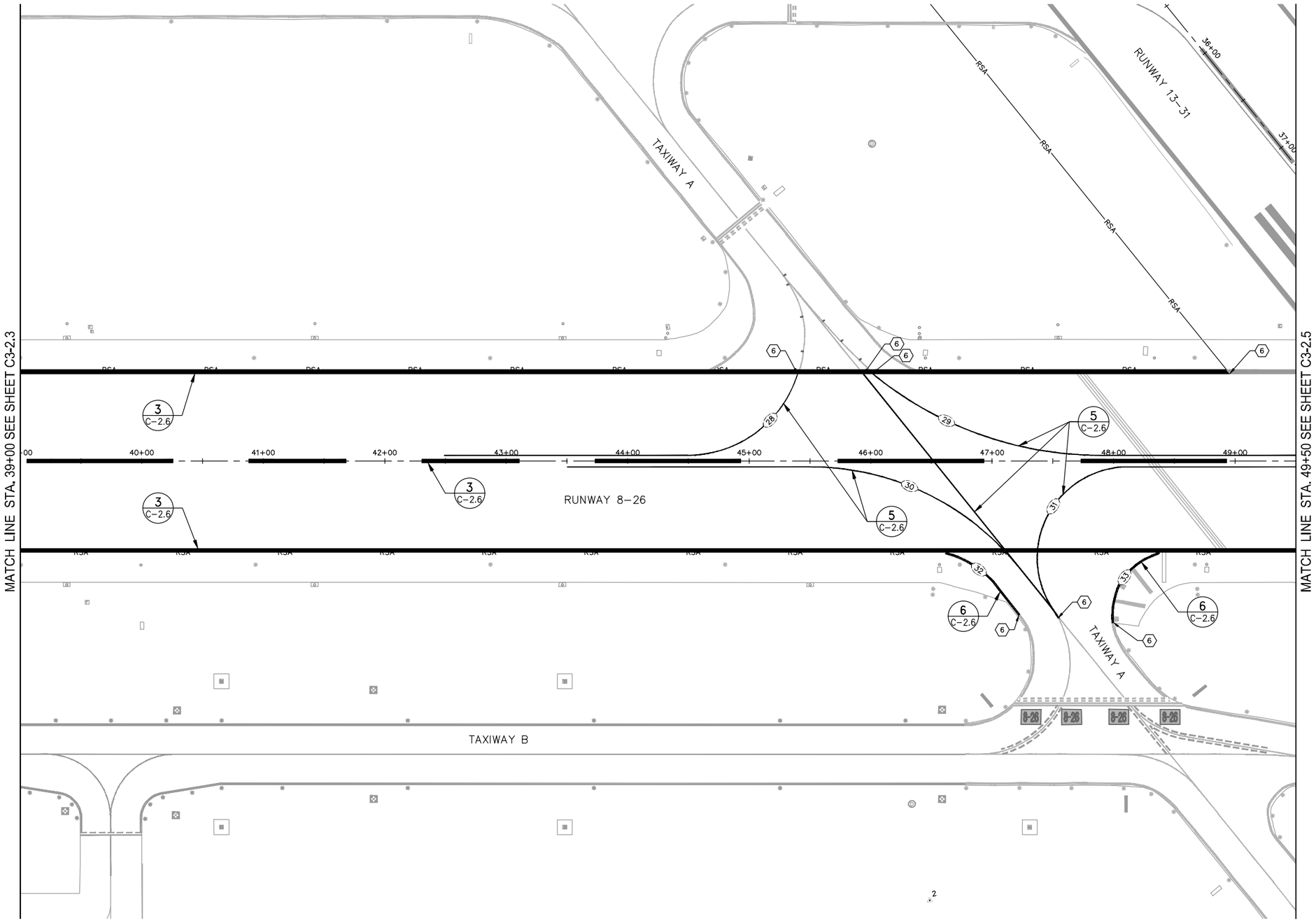
PAVEMENT MARKING PLAN
RWY 8-26 STA 28+50 TO 39+00

PROJECT NO. 094590010
FILE NO. 94590010PMaa
SHEET NO. C3-2.3
TOTAL SHEETS 35



GENERAL NOTES

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2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

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ITEMS TO BE CONSTRUCTED OR INSTALLED.

(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

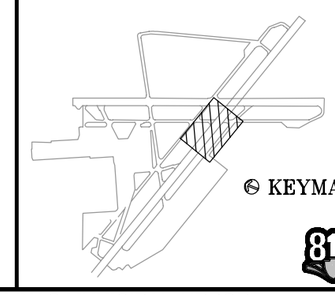
- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
28	95.00'	120.75'	72°49'34"	70.07'
29	295.00'	203.18'	39°27'47"	105.81'
30	220.00'	185.02'	48°11'03"	98.38'
31	75.00'	168.77'	128°55'48"	156.99'
32	79.00'	52.43'	38°01'35"	27.22'
33	51.40'	75.00'	83°36'20"	45.96'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

811 Know what's below. Call before you dig.

NO.	DATE	REVISION	BY	APPD.

Date 3/1/2018
Designed SN
Drawn SN
Checked RJH

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100 W. San Fernando St #250
San Jose, California 95113
(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HANLYON C 76981 STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

Date

Reviewed By:

Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 8-26 STA 39+00 TO 49+50

PROJECT NO. 094590010
FILE NO. 94590010PMco
SHEET NO. C3-2.4
TOTAL SHEETS 35

2018 Feb 28 - 10:38am K:\tb_aviation\094590010 - sns rwy 13-31 8-26 rehab\3_CADD\plansheets\94590010PMco.dwg
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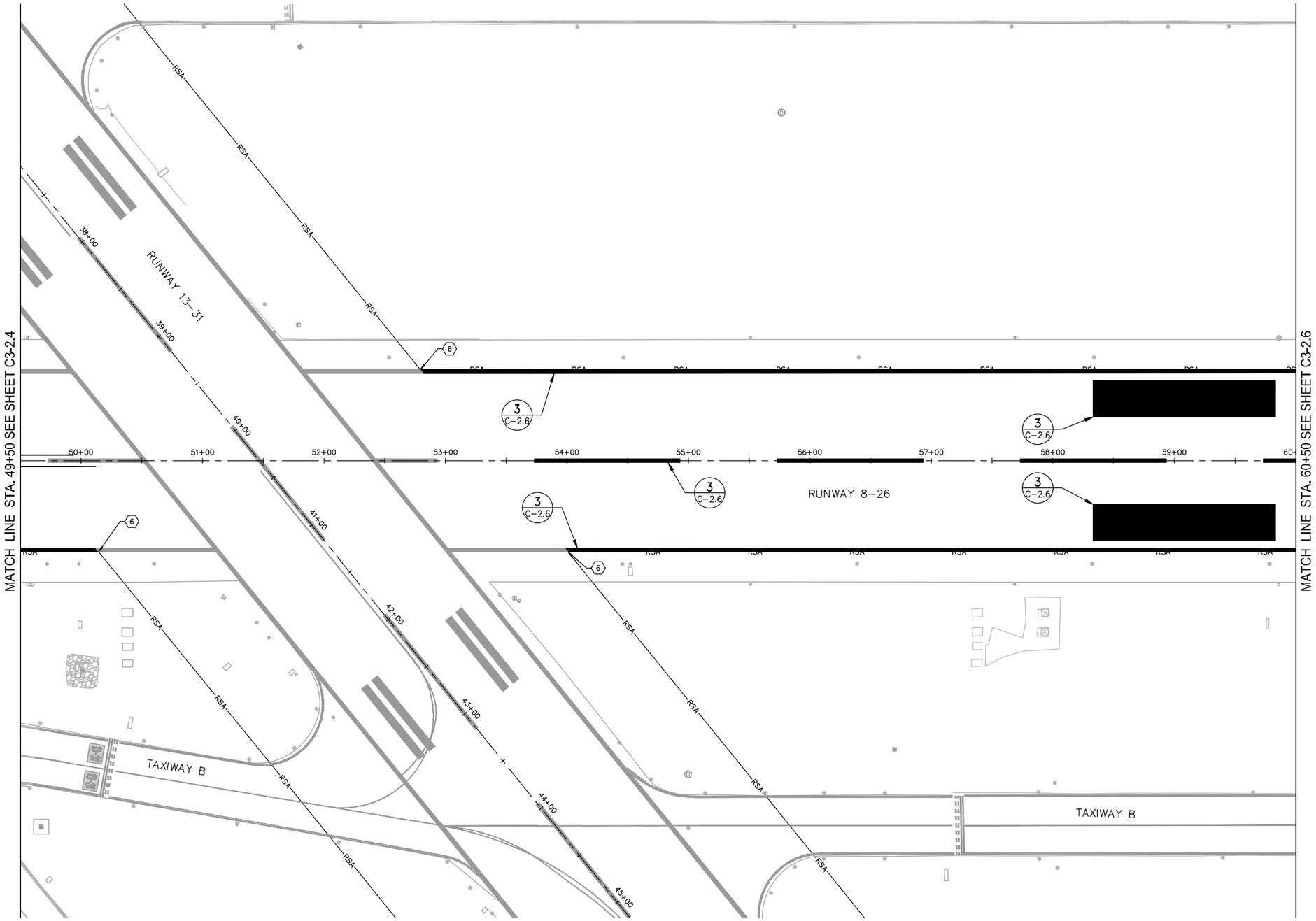


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

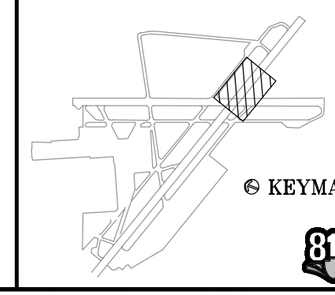
(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

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Public Works Assistant Director/City Engineer

Date

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Frank A. Aguayo, P.E., Senior Civil Engineer — Date

Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 8-26 STA 49+50 TO 60+00

PROJECT NO. 094590010
FILE NO. 94590010PMa0
SHEET NO. C3-2.5
TOTAL SHEETS 35

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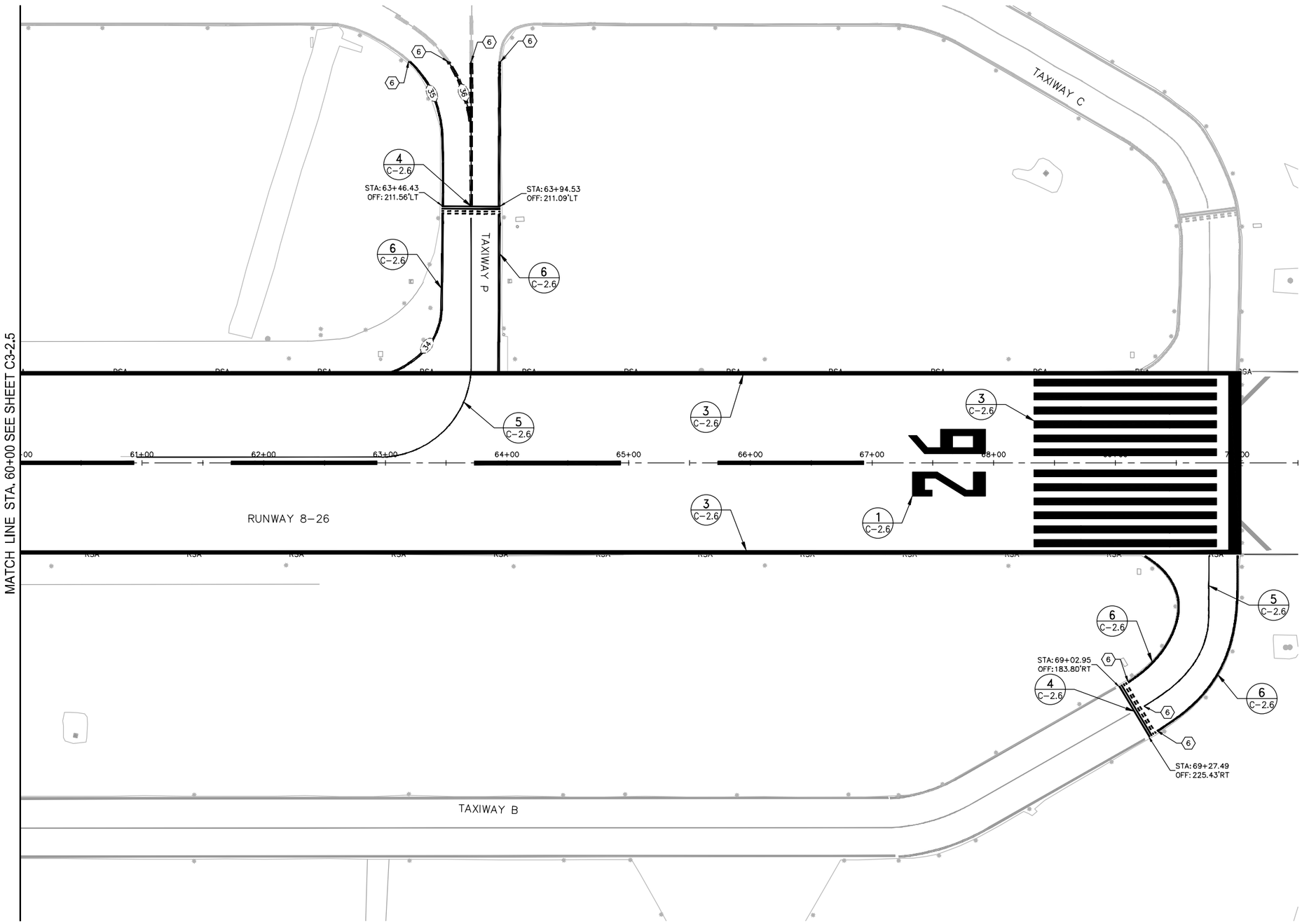


GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET C-2.1 TO C-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
3. ALL STATIONING AND OFFSETS REFERENCE RUNWAY 8-26, UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

(6) MATCH EXISTING PAVEMENT MARKING

LEGEND

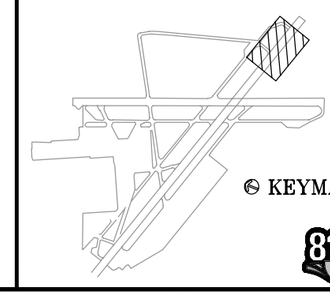
- RUNWAY HOLD POSITION MARKING
- NEW TAXIWAY CENTER LINE MARKING
- EXISTING PAVEMENT/AIRFIELD MARKING
- NEW RUNWAY CENTER LINE MARKING

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
34	59.98'	68.70'	65°37'36"	38.67'
35	85.02'	66.88'	45°04'25"	35.28'
36	102.24'	32.07'	17°58'25"	16.17'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEYMAP

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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:

James E. Sandoval, P.E.,
Public Works Assistant Director/City Engineer

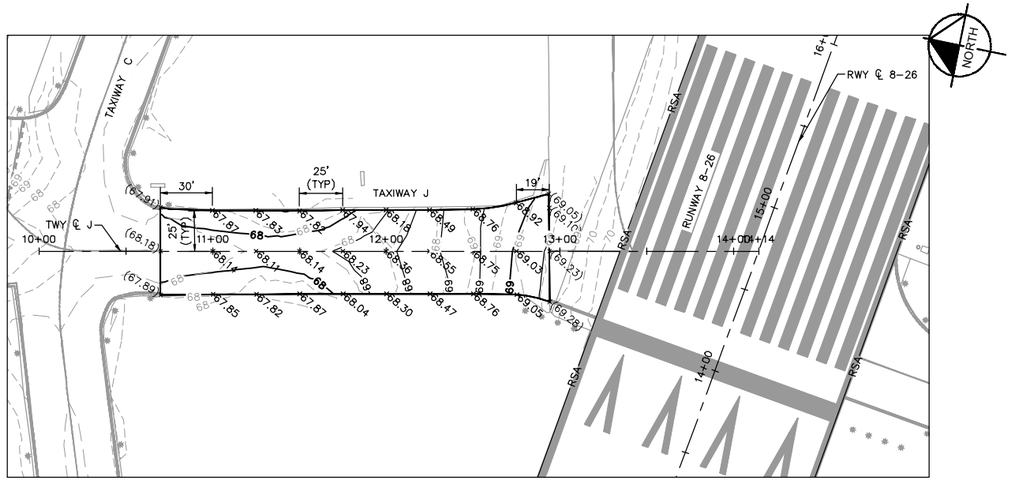
Date

Reviewed By:

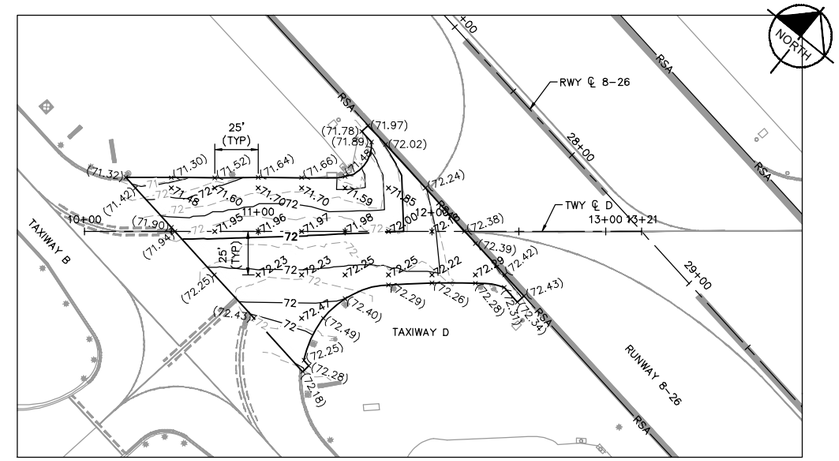
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 3
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT MARKING PLAN
RWY 8-26 STA 60+00 TO 70+00

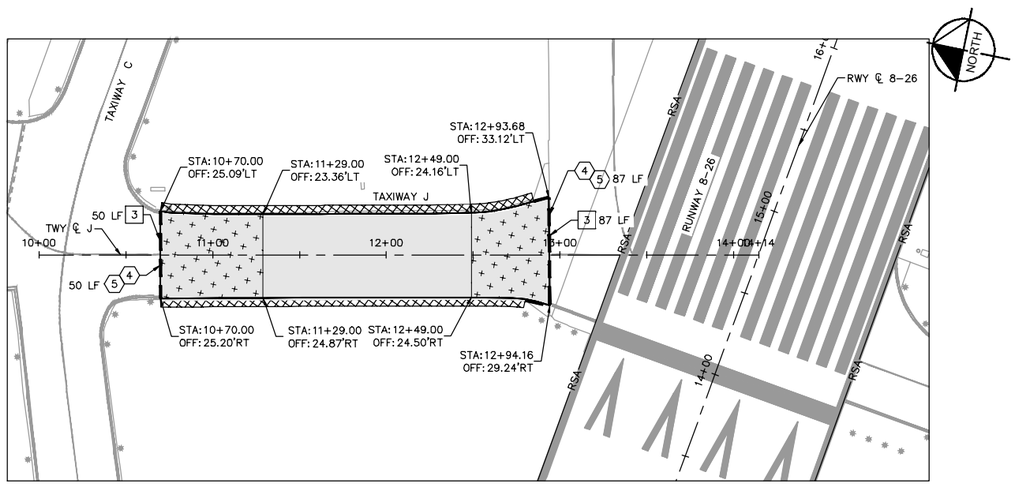
PROJECT NO. 094590010
FILE NO. 94590010PMao
SHEET NO. C3-2.6
TOTAL SHEETS 35



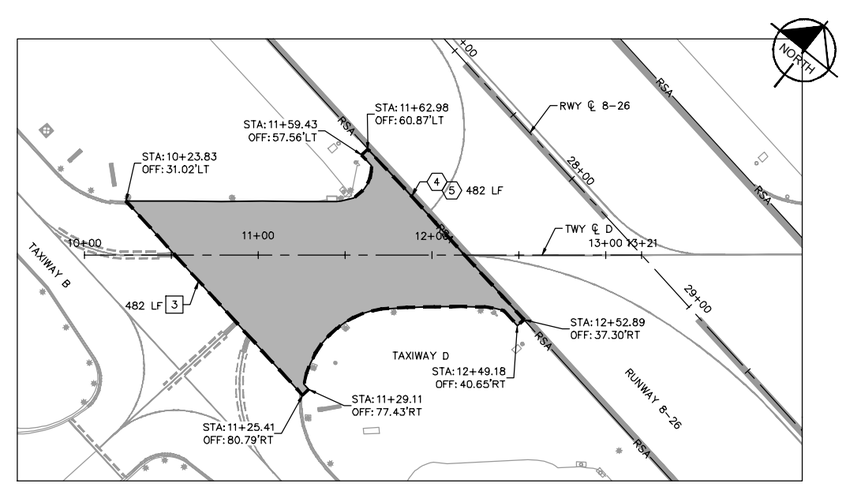
TAXIWAY J PAVEMENT ELEVATION PLAN



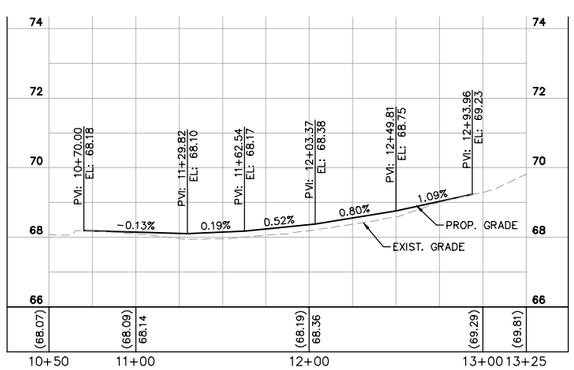
TAXIWAY D PAVEMENT ELEVATION PLAN



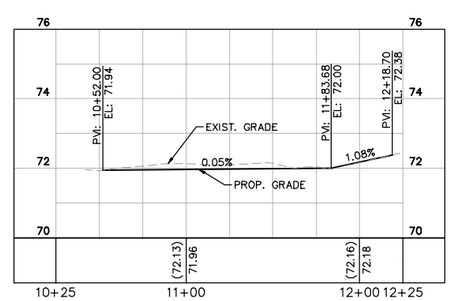
TAXIWAY J GEOMETRIC LAYOUT PLAN



TAXIWAY D GEOMETRIC LAYOUT PLAN



TAXIWAY J PROFILE



TAXIWAY D PROFILE

GENERAL NOTES

1. SEE SHEET T-0.4 FOR HORIZONTAL AND VERTICAL CONTROL DATA.
2. SEE SHEET T-0.8 FOR TYPICAL SECTION AND DETAILS.
3. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
4. ALL STATIONING AND OFFSETS REFERENCE TAXIWAY J OR TAXIWAY D, UNLESS OTHERWISE NOTED.

LEGEND

- BITUMINOUS CONCRETE PAVEMENT/MILL AND FILL SEE SHEET T-0.8 FOR PAVEMENT SECTIONS
- BITUMINOUS CONCRETE PAVEMENT/MILL AND OVERLAY SEE SHEET T-0.8 FOR PAVEMENT SECTIONS
- BITUMINOUS CONCRETE PAVEMENT/MILL AND VARIABLE DEPTH SEE SHEET T-0.8 FOR PAVEMENT SECTIONS
- PROCESSED MISCELLANEOUS BASE SEE SHEET T-0.8 FOR PAVEMENT SECTIONS
- CENTERLINE/ALIGNMENT
- 0.25% PROPOSED CENTERLINE GRADE
- SAWCUT
- (TOP) / BOT — (TOP) = EXISTING ELEVATION; BOT = PROPOSED ELEVATION
- EXISTING SPOT ELEVATION (IN FEET)
- PROPOSED SPOT ELEVATION (IN FEET)

DEMOLITION NOTES

ITEMS TO BE REMOVED, RELOCATED, SALVAGED, OR ABANDONED IN PLACE.

3 SAWCUT PARTIAL DEPTH (P-120) LENGTH AS NOTED

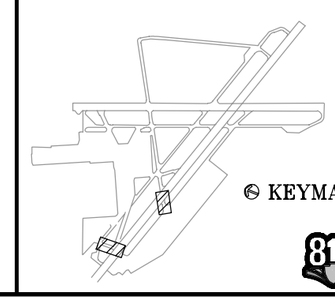
CONSTRUCTION NOTES

ITEMS TO BE CONSTRUCTED OR INSTALLED.

3 ASPHALT JOINT ADHESIVE (P-605)

5 MATCH EXISTING GRADE

GRAPHIC SCALE IN FEET
0 20 40 80
HORIZONTAL
VERTICAL 4 2 1 0



KEYMAP

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Date 3/1/2018
Designed SN
Drawn SN
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San Jose, California 95113
(691) 800-4130

REGISTERED PROFESSIONAL ENGINEER ROBERT J. HAMILTON C 76981 CIVIL STATE OF CALIFORNIA

SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

Approved for Construction By:
James E. Sandoval, P.E., Public Works Assistant Director/City Engineer — Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 4
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT ELEVATION AND PLAN AND PROFILE

PROJECT NO. 094590010
FILE NO. 94590010PEa03
SHEET NO. C4-1.1
TOTAL SHEETS 35

2018 Feb 28 - 10:42am K:\SL_minion\094590010 - ams rwy 13-31 8-26 rehab\13_CADD\plansheets\94590010PEa03.dwg
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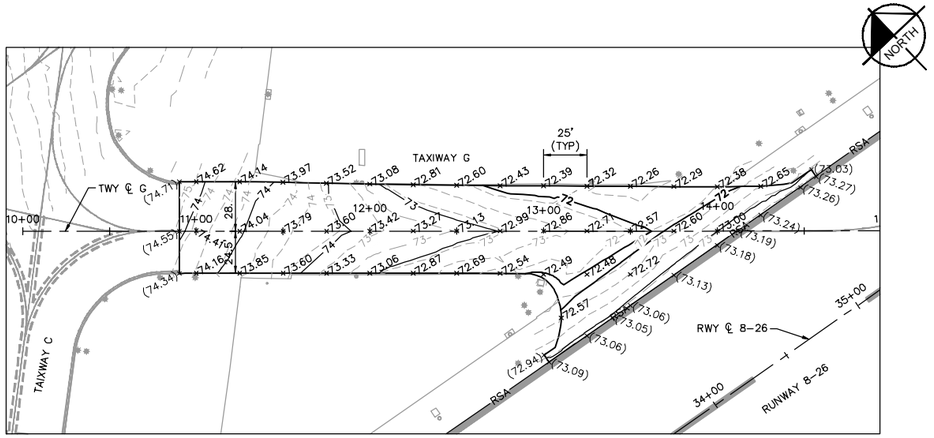
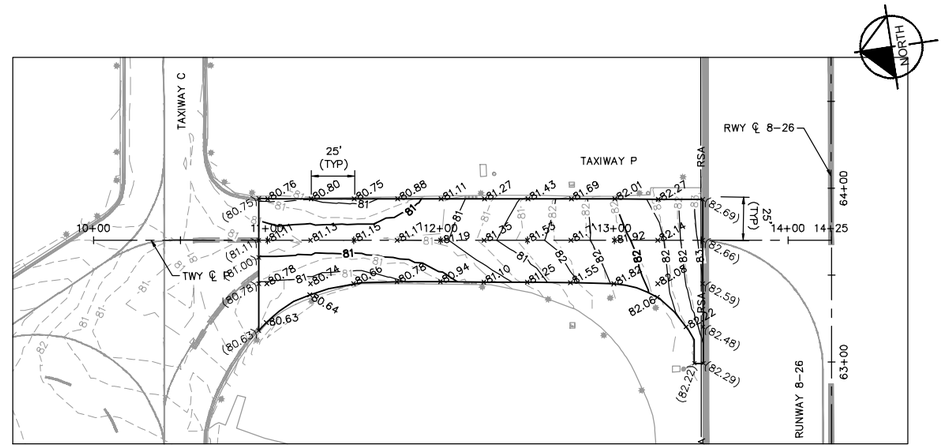
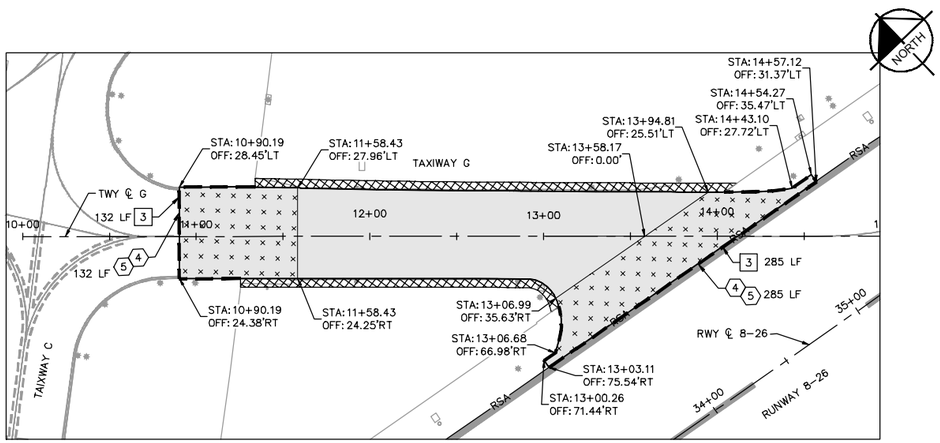


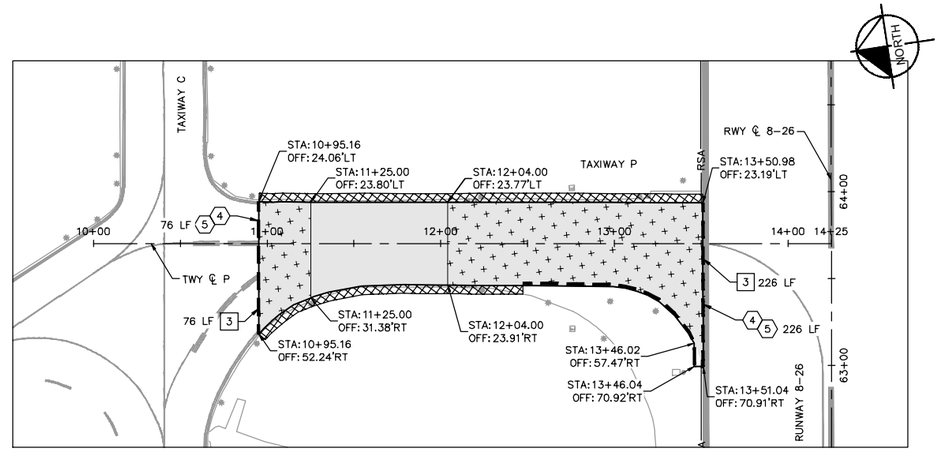
TAXIWAY G PAVEMENT ELEVATION PLAN



TAXIWAY PAVEMENT ELEVATION PLAN

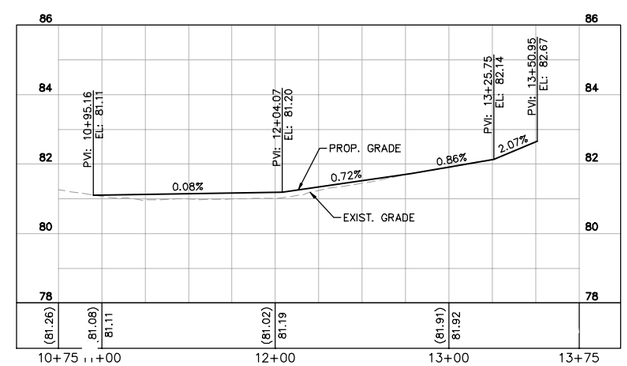


TAXIWAY G GEOMETRIC LAYOUT PLAN



TAXIWAY P GEOMETRIC LAYOUT PLAN

TAXIWAY G PROFILE



TAXIWAY P PROFILE

GENERAL NOTES

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2. SEE SHEET T-0.8 FOR TYPICAL SECTION AND DETAILS.
3. SEE SHEET C3-2.1 TO C3-2.6 FOR PAVEMENT MARKING PLAN AND DETAILS.
4. ALL STATIONING AND OFFSETS REFERENCE TAXIWAY G OR TAXIWAY P, UNLESS OTHERWISE NOTED.

LEGEND

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- BITUMINOUS CONCRETE PAVEMENT/MILL AND VARIABLE DEPTH SEE SHEET T-0.8 FOR PAVEMENT SECTIONS
- PROCESSED MISCELLANEOUS BASE SEE SHEET T-0.8 FOR PAVEMENT SECTIONS
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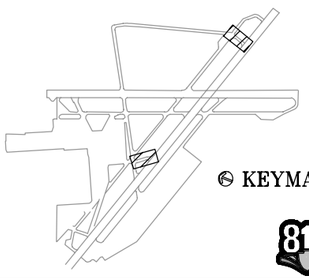
5 MATCH EXISTING GRADE

GRAPHIC SCALE IN FEET 0 20 40 80

HORIZONTAL

VERTICAL 4 2 1 0



KEYMAP

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Designed SN
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SALINAS MUNICIPAL AIRPORT
SALINAS, CALIFORNIA

SALINAS

Approved for Construction By:
James E. Sandoval, P.E., Public Works Assistant Director/City Engineer — Date

Reviewed By:
Donald Reynolds, Acting Public Works Director — Date
Frank A. Aguayo, P.E., Senior Civil Engineer — Date
Brett J. Godown, Airport Manager — Date

SALINAS MUNICIPAL AIRPORT
ADDITIVE ALTERNATIVE NO. 4
RUNWAY 13-31 & RUNWAY 8-26 REHABILITATION
PAVEMENT ELEVATION AND PLAN AND PROFILE

PROJECT NO. 094590010
FILE NO. 94590010PEea3
SHEET NO. C4-1.2
TOTAL SHEETS 35

2018 Feb 28 – 10:41pm K:\Civil_Action\094590010 – sea ray 13-31 & 26 rehab\3_CADD\plansheets\094590010PEea3.dwg
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