

SCOPE OF WORK

BASE BID:
THE PROPOSED IMPROVEMENTS INCLUDE THE RECONSTRUCTION AND WIDENING OF TAXIWAY "C" FROM 50' TO 75'. THE WORK INCLUDES THE REMOVAL OF THE EXISTING PAVEMENT, CONSTRUCTION OF A 14.5" PORTLAND CEMENT CONCRETE PAVEMENT ON 4" STABILIZED BITUMINOUS BASE, SUBGRADE STABILIZATION, EXCAVATION, INSTALLATION OF UNDERDRAINS, TURFING, MARKING, THE INSTALLATION OF A MEDIUM INTENSITY TAXIWAY LIGHTING SYSTEM (MITL), AND CONTROL & GROUNDING MODIFICATIONS IN THE VAULT AND AIR TRAFFIC CONTROL TOWER.

ADDITIVE ALTERNATE BID:
THE PROPOSED IMPROVEMENTS INCLUDE THE INSTALLATION OF SIX (6) LIGHTED WIND CONES, ASSOCIATED CABLING, AND PROVISION OF ELECTRICAL SERVICES.

PROPOSED SAFETY PLAN

GENERAL - THE DECATUR AIRPORT IS COMPRISED OF THREE RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING RUNWAYS 6-24 AND 18-36 PERIODICALLY AS DESCRIBED ON THE "PROPOSED OPENING AND CLOSING SCHEDULE" ON SHEET 4. TAXIWAY "C" (SOUTH OF TAXIWAY "G") AND TAXIWAY "G" (WEST OF RUNWAY 18-36) WILL BE CLOSED FOR THE DURATION OF THE PROJECT. ANY TIME THE CONTRACTOR IS WORKING WITHIN 200' OF THE RUNWAY CENTERLINE THE RUNWAY WILL BE CLOSED. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (121.75 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE DECATUR AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

CONTRACTOR RESPONSIBILITIES

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THIS AREA. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

THE CONTRACTOR SHALL KEEP ONE RUNWAY OPEN AT ALL TIMES AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS.

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE RUNWAY CLOSURE.

HAUL ROUTE, VEHICLE PARKING, MATERIAL STORAGE

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING/MATERIAL STORAGE AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING/MATERIAL STORAGE AREA WILL BE 350'x100'. ALL EQUIPMENT WILL BE STORED WITHIN THE PROJECT AREA WHEN NOT IN USE. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING/MATERIAL STORAGE AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL GRADE, FERTILIZE, SEED AND MULCH THE HAUL ROUTE AND PARKING AREA AS NEEDED TO RESTORE IT TO ITS' ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING/MATERIAL STORAGE AREA WILL BE CONSIDERED INCIDENTAL TO ITEM AR150540 - HAUL ROUTE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

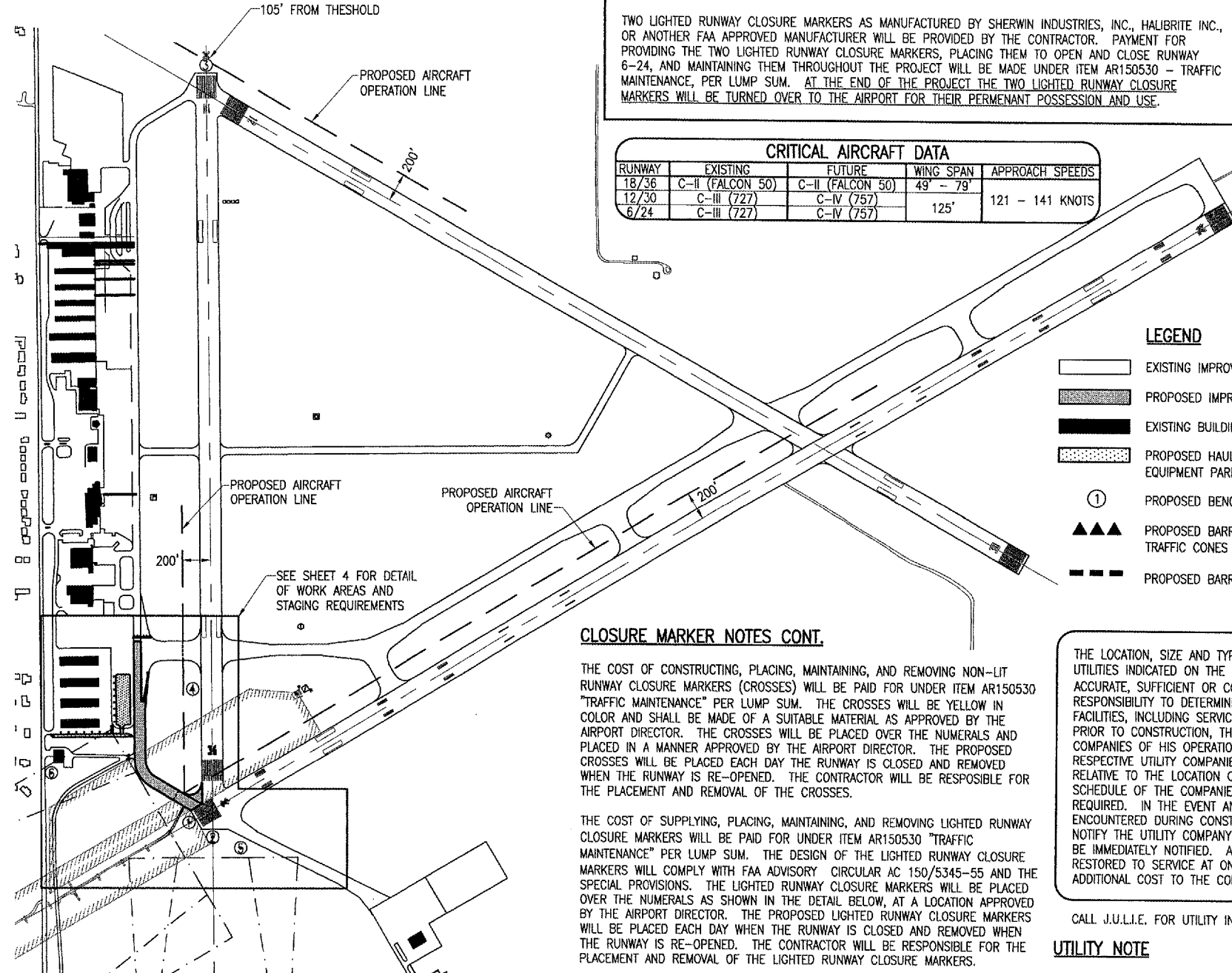
BARRICADES, BARRIERS, AND TRAFFIC CONES

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND BARRIERS AT THE LOCATIONS SHOWN ON THIS SHEET AND THE TEMPORARY BARRIER SHEET IN THE PLANS.

THE BARRICADES WILL BE I.D.O.T. TYPE 1, EQUIPPED WITH RED CONTINUOUS LIGHTS AND EXTENDED 18 INCH SQUARE ORANGE FLAG.

THE BARRIER WILL BE CONSTRUCTED AS DETAILED ON THE TEMPORARY BARRIER DETAIL SHEET.

PAYMENT FOR BARRICADES AND BARRIERS, THEIR PLACEMENT AND REMOVALS AS RUNWAYS AND TAXIWAYS ARE OPENED AND CLOSED, MAINTENANCE, AND REPAIRS WILL BE MADE BY ITEM: AR150530 "TRAFFIC MAINTENANCE" PER LUMP SUM.



CLOSURE MARKER NOTES

TWO LIGHTED RUNWAY CLOSURE MARKERS AS MANUFACTURED BY SHERWIN INDUSTRIES, INC., HALIBRITE INC., OR ANOTHER FAA APPROVED MANUFACTURER WILL BE PROVIDED BY THE CONTRACTOR. PAYMENT FOR PROVIDING THE TWO LIGHTED RUNWAY CLOSURE MARKERS, PLACING THEM TO OPEN AND CLOSE RUNWAY 6-24, AND MAINTAINING THEM THROUGHOUT THE PROJECT WILL BE MADE UNDER ITEM AR150530 - TRAFFIC MAINTENANCE, PER LUMP SUM. AT THE END OF THE PROJECT THE TWO LIGHTED RUNWAY CLOSURE MARKERS WILL BE TURNED OVER TO THE AIRPORT FOR THEIR PERMANENT POSSESSION AND USE.

CRITICAL AIRCRAFT DATA				
RUNWAY	EXISTING	FUTURE	WING SPAN	APPROACH SPEEDS
18/36	C-II (FALCON 50)	C-II (FALCON 50)	49' - 79'	121 - 141 KNOTS
12/30	C-III (727)	C-IV (757)	125'	
6/24	C-III (727)	C-IV (757)		

CRITICAL POINT DATA (SEE SHEET 4)

LATITUDE: 39° 49' 39.12"
LONGITUDE: 88° 52' 30.17"
ELEVATION: 672.00 M.S.L.

J.U.L.I.E. INFORMATION

COUNTY: MACON
CITY: DECATUR
TOWNSHIP: LONG CREEK
SECTION NO.: 20 & 21
ADDRESS: DECATUR AIRPORT
AIRPORT ROAD
DECATUR, ILLINOIS 62524

0' 250' 500' 1000'
FULL SIZE SCALE: 1" = 500'
HALF SIZE SCALE: 1" = 1000'

LEGEND

- EXISTING IMPROVEMENTS
- PROPOSED IMPROVEMENTS
- EXISTING BUILDINGS
- PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA (SEE SHEET 4 FOR CLARITY)
- PROPOSED BENCHMARK
- PROPOSED BARRICADES AND TRAFFIC CONES (SEE SHEET 4 FOR CLARITY)
- PROPOSED BARRIERS (SEE SHEET 4 FOR CLARITY)

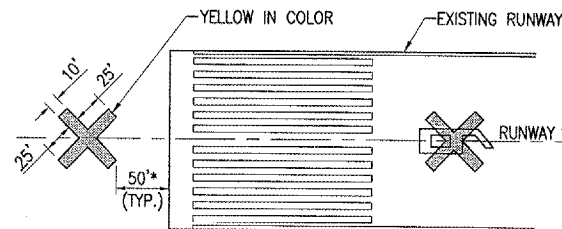
CLOSURE MARKER NOTES CONT.

THE COST OF CONSTRUCTING, PLACING, MAINTAINING, AND REMOVING NON-LIT RUNWAY CLOSURE MARKERS (CROSSES) WILL BE PAID FOR UNDER ITEM AR150530 "TRAFFIC MAINTENANCE" PER LUMP SUM. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE AIRPORT DIRECTOR. THE CROSSES WILL BE PLACED OVER THE NUMERALS AND PLACED IN A MANNER APPROVED BY THE AIRPORT DIRECTOR. THE PROPOSED CROSSES WILL BE PLACED EACH DAY WHEN THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES.

THE COST OF SUPPLYING, PLACING, MAINTAINING, AND REMOVING LIGHTED RUNWAY CLOSURE MARKERS WILL BE PAID FOR UNDER ITEM AR150530 "TRAFFIC MAINTENANCE" PER LUMP SUM. THE DESIGN OF THE LIGHTED RUNWAY CLOSURE MARKERS WILL COMPLY WITH FAA ADVISORY CIRCULAR AC 150/5345-55 AND THE SPECIAL PROVISIONS. THE LIGHTED RUNWAY CLOSURE MARKERS WILL BE PLACED OVER THE NUMERALS AS SHOWN IN THE DETAIL BELOW, AT A LOCATION APPROVED BY THE AIRPORT DIRECTOR. THE PROPOSED LIGHTED RUNWAY CLOSURE MARKERS WILL BE PLACED EACH DAY WHEN THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE LIGHTED RUNWAY CLOSURE MARKERS.

CONSTRUCTION EQUIPMENT HEIGHT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI-TRACTOR AND TRAILER.



* UNLESS OTHERWISE NOTED

DETAIL OF RUNWAY CLOSURE MARKER
"NOT TO SCALE"

AIRCRAFT OPERATION LINE

THE CONTRACTOR WILL LOCATE THIS LINE AT THE START OF CONSTRUCTION AND WILL PLACE FLAGGED LATHE EVERY 150' ALONG IT. THIS LINE WILL BE THE LIMITS THAT ALL CONTRACTOR PERSONNEL MAY VENTURE WHEN A RUNWAY IS NOT CLOSED. THE CONTRACTOR WILL MAINTAIN THE LATHE LINE FOR RUNWAYS.

EROSION CONTROL

THIS PROJECT WILL DISTURB MORE THAN 1 ACRE OF LAND, THEREFORE A N.P.D.E.S. PERMIT WILL BE REQUIRED AND APPLIED FOR BY HANSON PROFESSIONAL SERVICES, INC.

CONTROL POINT DATA

NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	END OF RUNWAY 05	1,151,385.236	832,252.084	N/A
2	END OF RUNWAY 36	1,151,315.601	832,373.780	N/A
3	END OF RUNWAY 18	1,156,614.214	832,324.427	N/A
4	CB#12 CHSLD "X" ON N. RIM OF INLET, 80' LT OF RWY 18/36			676.01
5	CB#15 CHSLD SQUARE ON N. CORNER OF CONC. HEADWALL W. OF TXY F			667.81
6	CB#21 CHSLD "X" ON N. RIM OF A MANHOLE ON E. SIDE OF AIRPORT RD			672.63

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 1-800-892-0123.

UTILITY NOTE

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH HAVE LINES OR CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY ALL UNDERGROUND NON-JULIE UTILITIES LOCATED WITHIN THE PROPOSED CONSTRUCTION LIMITS. THESE UNDERGROUND IMPROVEMENTS WILL BE LOCATED AT THE CONTRACTOR'S OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

ENGINEER'S FIELD OFFICE

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE FURNISHED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH ITEM AR150510 "ENGINEER'S FIELD OFFICE" AS STATED ON PAGE 168 OF THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, ADOPTED JULY 1, 2004.

THE LOCATION OF THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.

THE ENGINEERING FIRM WILL MAKE PAYMENT FOR ALL LONG DISTANCE TELEPHONE CALLS IN EXCESS OF ONE HUNDRED DOLLARS (\$100.00) PER MONTH.

THE PROPOSED ENGINEER'S FIELD OFFICE WILL BE PAID FOR UNDER ITEMS: AR150510 ENGINEER'S FIELD OFFICE _____ 1 LS.

DE066

REVISION	DATE	BY

HANSON PROFESSIONAL SERVICES INC.
1525 South Sixth Street
Springfield, Illinois 62705-2886
Offices Nationwide

DECATUR, ILLINOIS

IL PROJ.: DEC-3588 A.I.P. PROJ.: 3-17-00

DATE	BY	REVISION
01/24/06	RAW	LAYOUT
03/02/06	CCC	DRAWN
03/07/06	WJM	REVIEWED
03/31/06		

HANSON

Hanson Professional Services Inc.
1525 South Sixth Street
Springfield, Illinois 62705-2886
Offices Nationwide

TAXIWAY "C" RECONSTRUCTION
PROPOSED SAFETY PLAN

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