

WORK ZONE SPEED ZONES (WZSZS)

THE FOLLOWING WORK ZONE SPEED ZONE (WZSZ) SPEED LIMIT REVISION(S) HAVE BEEN APPROVED FOR USE ON THIS PROJECT WHEN WORK ZONE CONDITIONS AND FACTORS ARE MET AS DESCRIBED BELOW:

WZSZ REVISION NUMBER(S) COUNTY-ROUTE-SECTION(S) DIRECTION(S)

WZSZ REVISION NUMBER	COUNTY-ROUTE-SECTIONS(S)	DIRECTION(S)
WZ 26169	TRU-82 17.12-18.59	EB
	TRU-82 17.39-18.90	WB

POTENTIAL WZSZ LOCATIONS SHALL HAVE AN ORIGINAL (PRE-CONSTRUCTION) POSTED SPEED LIMIT OF 55 MPH OR GREATER, A QUALIFYING WORK ZONE CONDITION OF AT LEAST 0.5 MILE IN LENGTH, AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS, AND A WORK ZONE CONDITION IN PLACE THAT REDUCES THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS (I.E., LANE CLOSURE, LANE SHIFT, CROSSOVER, CONTRAFLOW AND/OR SHOULDER CLOSURE). THE LENGTH OF THE WORK ZONE CONDITION IS MEASURED FROM THE BEGINNING OF THE TAPER FOR THE SUBJECT WORK ZONE CONDITION IMPACTING THE TRAVEL LANES AND/OR SHOULDER TO THE END OF THE DOWNSTREAM TAPER, WHERE DRIVERS ARE RETURNED TO TYPICAL ALIGNMENT. AN EXPECTED WORK DURATION OF AT LEAST THREE HOURS IS REQUIRED TO BALANCE THE ADDITIONAL EXPOSURE CREATED BY INSTALLING AND REMOVING WZSZ SIGNING WITH THE TIME NEEDED TO COMPLETE THE WORK.

IF THE WORK ZONE MEETS THESE MINIMUM CRITERIA, IT SHALL BE ANALYZED FURTHER USING TABLE 1 BELOW TO DETERMINE IF AND WHEN IT QUALIFIES FOR A SPEED LIMIT REDUCTION. DEPENDING ON THE ORIGINAL POSTED SPEED LIMIT, THE TYPE OF TEMPORARY TRAFFIC CONTROL USED, AND WHETHER OR NOT WORKERS ARE PRESENT, A WARRANTED WZSZ WILL VARY IN THE APPROVED SPEED LIMIT TO BE POSTED OVER TIME.

C&MS ITEM 614, PARAGRAPH 614.02(B), INDICATES THAT TWO DIRECTIONS OF A DIVIDED HIGHWAY ARE CONSIDERED SEPARATE HIGHWAY SECTIONS. THEREFORE, IF THE WORK ON A MULTI-LANE DIVIDED HIGHWAY IS LIMITED TO ONLY ONE DIRECTION, A SPEED LIMIT REDUCTION IN THE DIRECTION OF THE WORK DOES NOT AUTOMATICALLY CONSTITUTE A SPEED LIMIT REDUCTION IN THE OPPOSITE DIRECTION. EACH DIRECTION SHALL BE ANALYZED INDEPENDENTLY FROM EACH OTHER.

ALL WZSZS FLUCTUATE BETWEEN TWO APPROVED REDUCED SPEED LIMITS OR BETWEEN AN APPROVED REDUCED SPEED LIMIT AND THE ORIGINAL POSTED SPEED LIMIT. ONLY ONE OF TWO SIGNING STRATEGIES SHALL BE USED TO IMPLEMENT A WZSZ.

WZSZS USING DSL SIGN ASSEMBLIES SHALL BE IN ACCORDANCE WITH THIS NOTE, APPROVED LIST, SUPPLEMENTAL SPECIFICATIONS (SS) 808 AND 908, AND TRAFFIC SCD MT-104.10.

ONLY ONE WARRANTED SPEED LIMIT APPLIES AT ANY ONE TIME; SPEED LIMIT REDUCTIONS ARE NOT CUMULATIVE. WZSZS SHALL NOT BE USED FOR MOVING/MOBILE ACTIVITIES, AS DEFINED IN OMUTCD PART 6.

WORK ZONE SPEED ZONES (WZSZS) (CONT.)

WHEN LOOKING UP THE WARRANTED WORK ZONE SPEED LIMITS, ALWAYS USE THE ORIGINAL, PRE-CONSTRUCTION, POSTED SPEED LIMIT. DO NOT USE A PRIOR OR CURRENT WORK ZONE SPEED LIMIT AS A LOOK UP VALUE IN THE TABLE. POSITIVE PROTECTION IS GENERALLY REGARDED AS PORTABLE BARRIER OR OTHER RIGID BARRIER IN USE ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WITHOUT POSITIVE PROTECTION IS GENERALLY REGARDED AS USING DRUMS, CONES, SHADOW VEHICLE, ETC., ALONG THE WORK AREA WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WORKERS ARE CONSIDERED AS BEING PRESENT WHEN ON-SITE, WORKING WITHIN THE SUBJECT WARRANTED WORK ZONE CONDITION. WHEN THE WORK ZONE CONDITION REDUCING THE EXISTING FUNCTIONALITY OF THE TRAVEL LANES OR SHOULDERS IS REMOVED, THE SPEED LIMIT DISPLAYED SHALL RETURN TO THE ORIGINAL POSTED SPEED LIMIT.

TABLE 1: WARRANTED WORK ZONE SPEED LIMITS (MPH) FOR WORK ZONES ON HIGH-SPEED (55 MPH OR GREATER) MULTI-LANE HIGHWAYS

ORIGINAL POSTED SPEED LIMIT	WITH POSITIVE PROTECTION		WITHOUT POSITIVE PROTECTION	
	WORKERS PRESENT	WORKERS NOT PRESENT	WORKERS PRESENT	WORKERS NOT PRESENT
	70	60	65	55
65	55	60	50	60
60	55	60	50	60
55	50	55	45	55

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 808, DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY 36 SIGN MNTH ASSUMING 4 DSL SIGN ASSEMBLYIES FOR 9 MONTHS

ITEM 614 - PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS AVAILABLE ON THE OFFICE OF MATERIALS MANAGEMENT WEB PAGE. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 800 FEET AND 650 FEET, RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. THE PCMS SHALL BE DELINEATED IN ACCORDANCE WITH C&MS 614.03.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS ARE SHOWN IN THE PLANS. PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED AWAY FROM ALL TRAFFIC.

THE ENGINEER SHALL BE PROVIDED ACCESS TO EACH SIGN UNIT AND SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ODOT PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT, AND TO REVISE SIGN MESSAGES, IF NECESSARY.

ALL MESSAGES TO BE DISPLAYED ON THE SIGN WILL BE PROVIDED BY THE ENGINEER. A LIST OF ALL REQUIRED PRE-PROGRAMMED MESSAGES WILL BE GIVEN TO THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. THE SIGN SHALL HAVE THE CAPABILITY TO STORE UP TO 99 MESSAGES. MESSAGE MEMORY OR PRE-PROGRAMMED DISPLAYS SHALL NOT BE LOST AS A RESULT OF POWER FAILURES TO THE ON-BOARD COMPUTER. THE SIGN LEGEND SHALL BE CAPABLE OF BEING CHANGED IN THE FIELD. THREE-LINE PRESENTATION FORMATS WITH UP TO SIX MESSAGE PHASES SHALL BE SUPPORTED. PCMS FORMAT SHALL PERMIT THE COMPLETE MESSAGE FOR EACH PHASE TO BE READ AT LEAST TWICE.

THE PCMS SHALL CONTAIN AN ACCURATE CLOCK AND PROGRAMMING LOGIC WHICH WILL ALLOW THE SIGN TO BE ACTIVATED, DEACTIVATED OR MESSAGES CHANGED AUTOMATICALLY AT DIFFERENT TIMES OF THE DAY FOR DIFFERENT DAYS OF THE WEEK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR 24-HOUR-PER-DAY OPERATION AND MAINTENANCE OF THESE SIGNS ON THE PROJECT FOR THE DURATION OF THE PHASES WHEN THE PLAN REQUIRES THEIR USE.

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN 96 SIGN MONTH

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:

NEW YEAR'S (OBSERVED)	GENERAL/REGULAR ELECTION DAY (NOV)
TOTAL SOLAR ECLIPSE (4/8/24)	THANKSGIVING
MEMORIAL DAY	CHRISTMAS (OBSERVED)
FOURTH OF JULY (OBSERVED)	
LABOR DAY	

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00 AM TUESDAY
MONDAY (TOTAL SOLAR ECLIPSE)	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00 AM WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00 AM TUESDAY THROUGH 12:00 AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRAIN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

TEMPORARY PAVEMENT

THE CONTRACTOR SHALL VERIFY THE EXISTING PAVEMENT ELEVATIONS SO THAT THE TEMPORARY PAVEMENT IS INSTALLED IN A WAY THAT DOES NOT TRAP WATER WHILE MAINTAINING A MAX CROSS SLOPE ROLLOVER OF 6% AND MEETING THE PROFILE GRADE BREAKS CRITERIA PROVIDED IN L&D VOL 1 TABLE 203-2 BASED ON THE WORK ZONE DESIGN SPEED. DROP-OFFS WITHIN WORK ZONES SHALL ALSO MEET ODOT CRITERIA.

DESIGN AGENCY



DESIGNER

MTH

REVIEWER

KF 08/19/21

PROJECT ID

108547

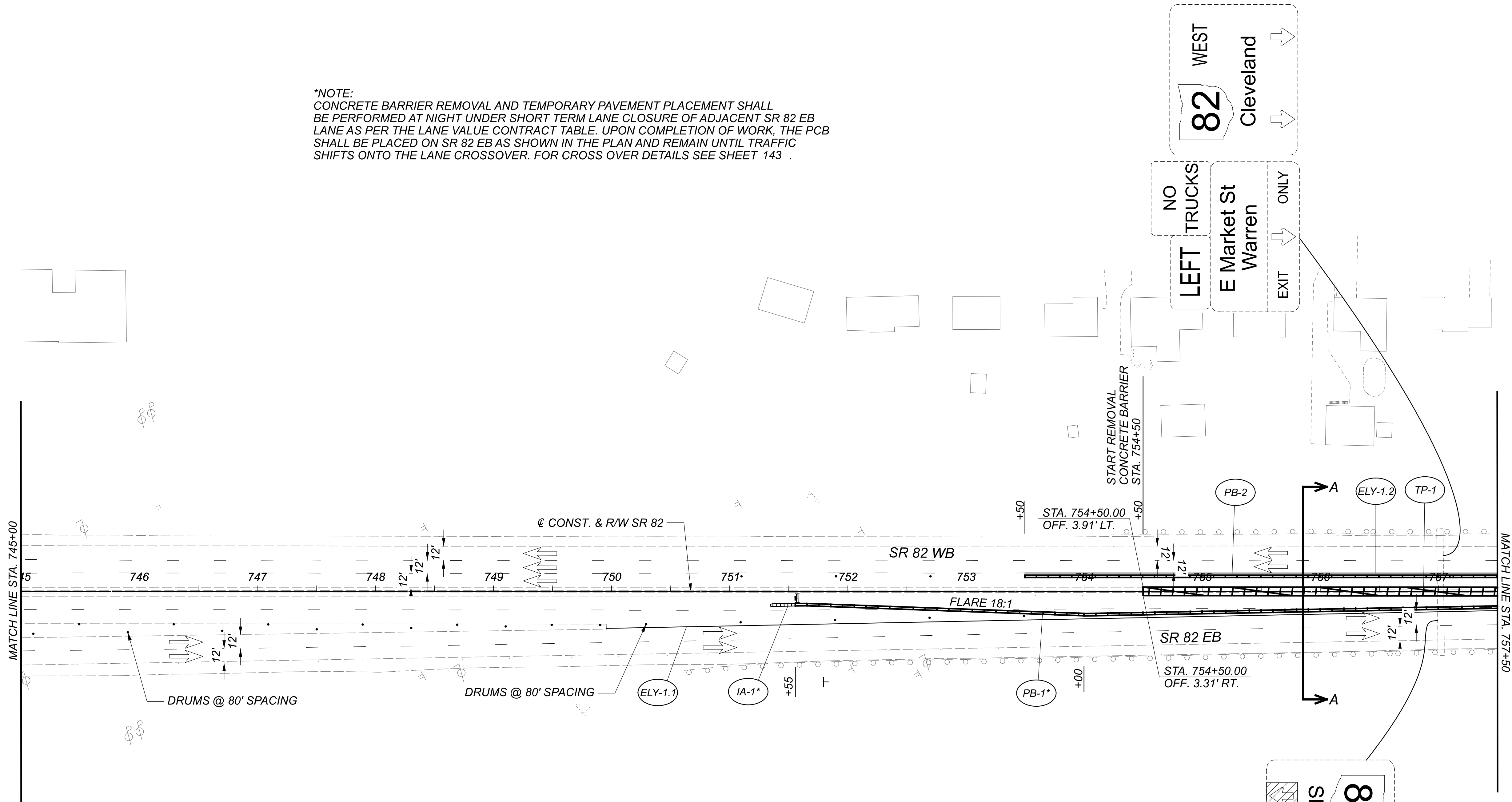
SHEET

42

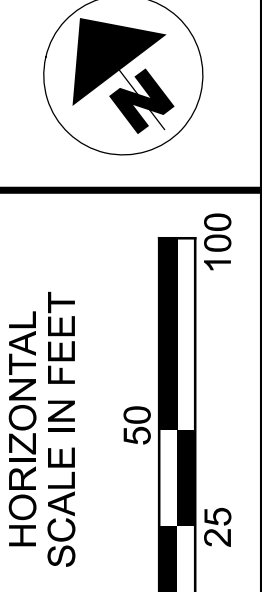
TOTAL

704

***NOTE:**
 CONCRETE BARRIER REMOVAL AND TEMPORARY PAVEMENT PLACEMENT SHALL BE PERFORMED AT NIGHT UNDER SHORT TERM LANE CLOSURE OF ADJACENT SR 82 EB LANE AS PER THE LANE VALUE CONTRACT TABLE. UPON COMPLETION OF WORK, THE PCB SHALL BE PLACED ON SR 82 EB AS SHOWN IN THE PLAN AND REMAIN UNTIL TRAFFIC SHIFTS ONTO THE LANE CROSSOVER. FOR CROSS OVER DETAILS SEE SHEET 143 .



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW)
	WORKZONE EDGE LINE (WHITE)
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW



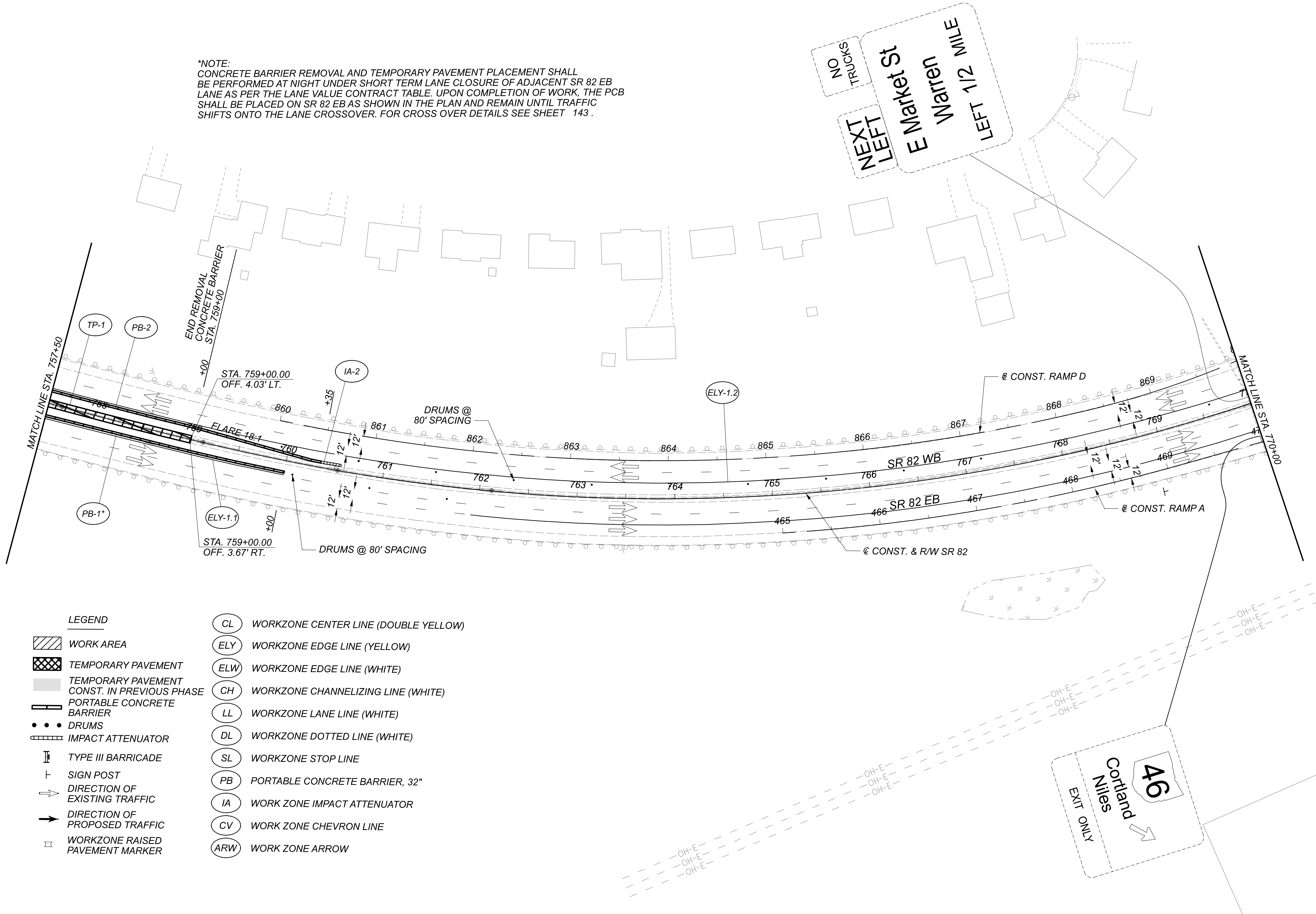
**MAINTENANCE OF TRAFFIC
 STAGE 1 PREPHASE SR 82**

DESIGN AGENCY

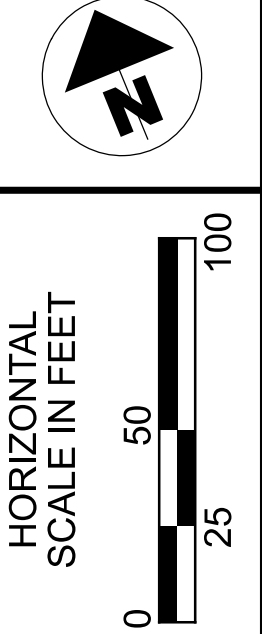


DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
74	704

*NOTE:
 CONCRETE BARRIER REMOVAL AND TEMPORARY PAVEMENT PLACEMENT SHALL BE PERFORMED AT NIGHT UNDER SHORT TERM LANE CLOSURE OF ADJACENT SR 82 EB LANE AS PER THE LANE VALUE CONTRACT TABLE. UPON COMPLETION OF WORK, THE PCB SHALL BE PLACED ON SR 82 EB AS SHOWN IN THE PLAN AND REMAIN UNTIL TRAFFIC SHIFTS ONTO THE LANE CROSSOVER. FOR CROSS OVER DETAILS SEE SHEET 143.



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	CL WORKZONE CENTER LINE (DOUBLE YELLOW)
	ELY WORKZONE EDGE LINE (YELLOW)
	ELW WORKZONE EDGE LINE (WHITE)
	CH WORKZONE CHANNELIZING LINE (WHITE)
	LL WORKZONE LANE LINE (WHITE)
	DL WORKZONE DOTTED LINE (WHITE)
	SL WORKZONE STOP LINE
	PB PORTABLE CONCRETE BARRIER, 32"
	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW

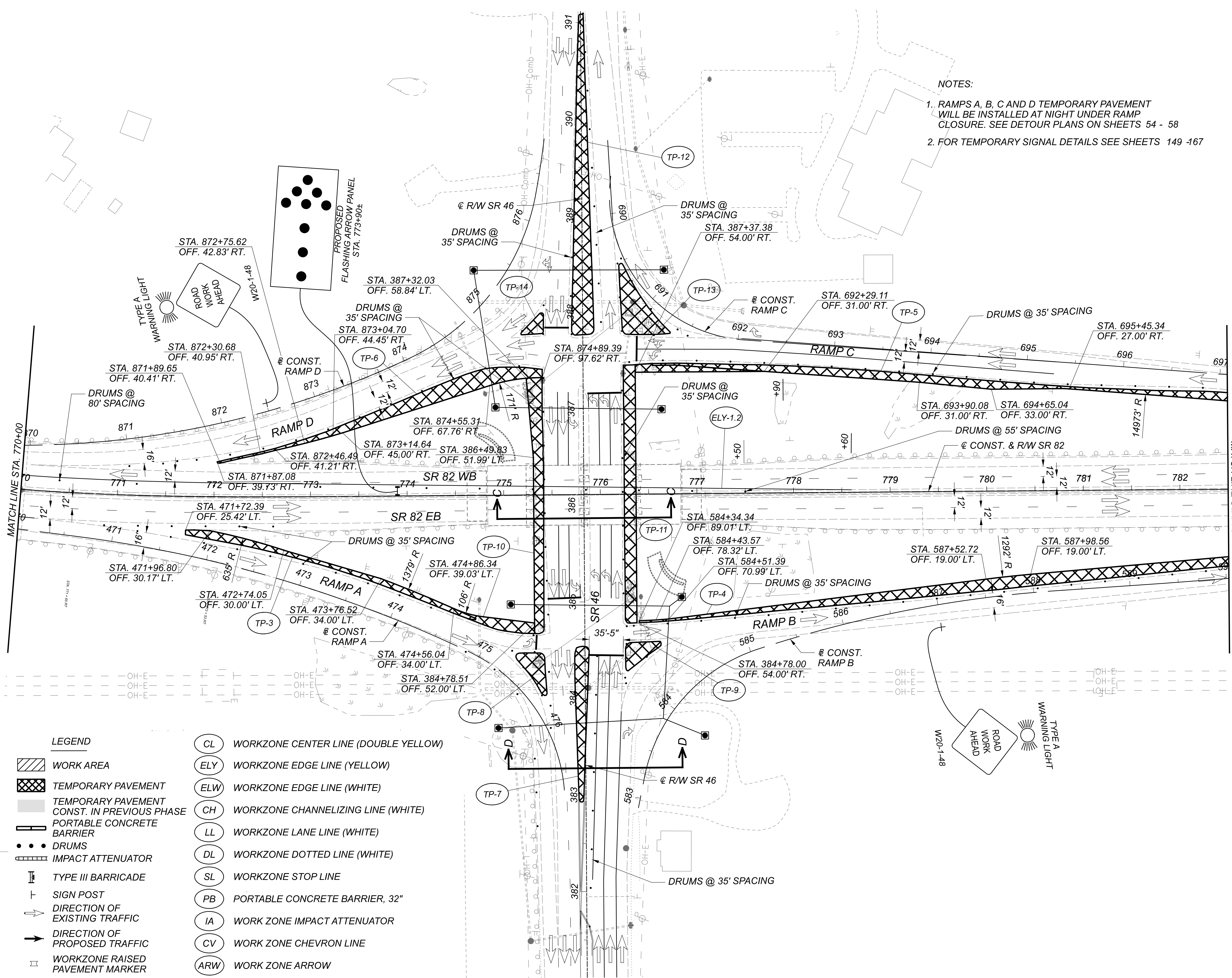


MAINTENANCE OF TRAFFIC
 STAGE 1 PREPHASE SR 82

DESIGN AGENCY



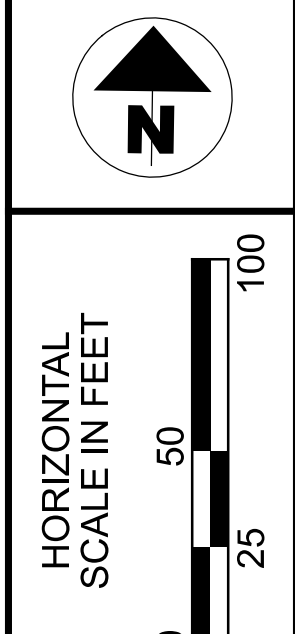
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
75	704



NOTES:
 1. RAMPS A, B, C AND D TEMPORARY PAVEMENT WILL BE INSTALLED AT NIGHT UNDER RAMP CLOSURE. SEE DETOUR PLANS ON SHEETS 54 - 58
 2. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149 - 167

LEGEND

	WORK AREA		WORKZONE CENTER LINE (DOUBLE YELLOW)
	TEMPORARY PAVEMENT		WORKZONE EDGE LINE (YELLOW)
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE		WORKZONE EDGE LINE (WHITE)
	PORTABLE CONCRETE BARRIER		WORKZONE CHANNELIZING LINE (WHITE)
	DRUMS		WORKZONE LANE LINE (WHITE)
	IMPACT ATTENUATOR		WORKZONE DOTTED LINE (WHITE)
	TYPE III BARRICADE		WORKZONE STOP LINE
	SIGN POST		PORTABLE CONCRETE BARRIER, 32"
	DIRECTION OF EXISTING TRAFFIC		WORK ZONE IMPACT ATTENUATOR
	DIRECTION OF PROPOSED TRAFFIC		WORK ZONE CHEVRON LINE
	WORKZONE RAISED PAVEMENT MARKER		WORK ZONE ARROW



MAINTENANCE OF TRAFFIC
 STAGE 1 PREPHASE SR 82

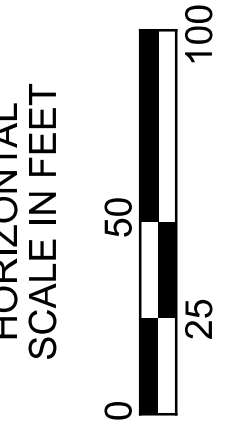
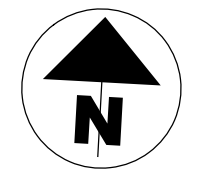
DESIGN AGENCY
HR

DESIGNER
 REM

REVIEWER
 KF 08/19/21

PROJECT ID
 108547

SHEET TOTAL
 76 704



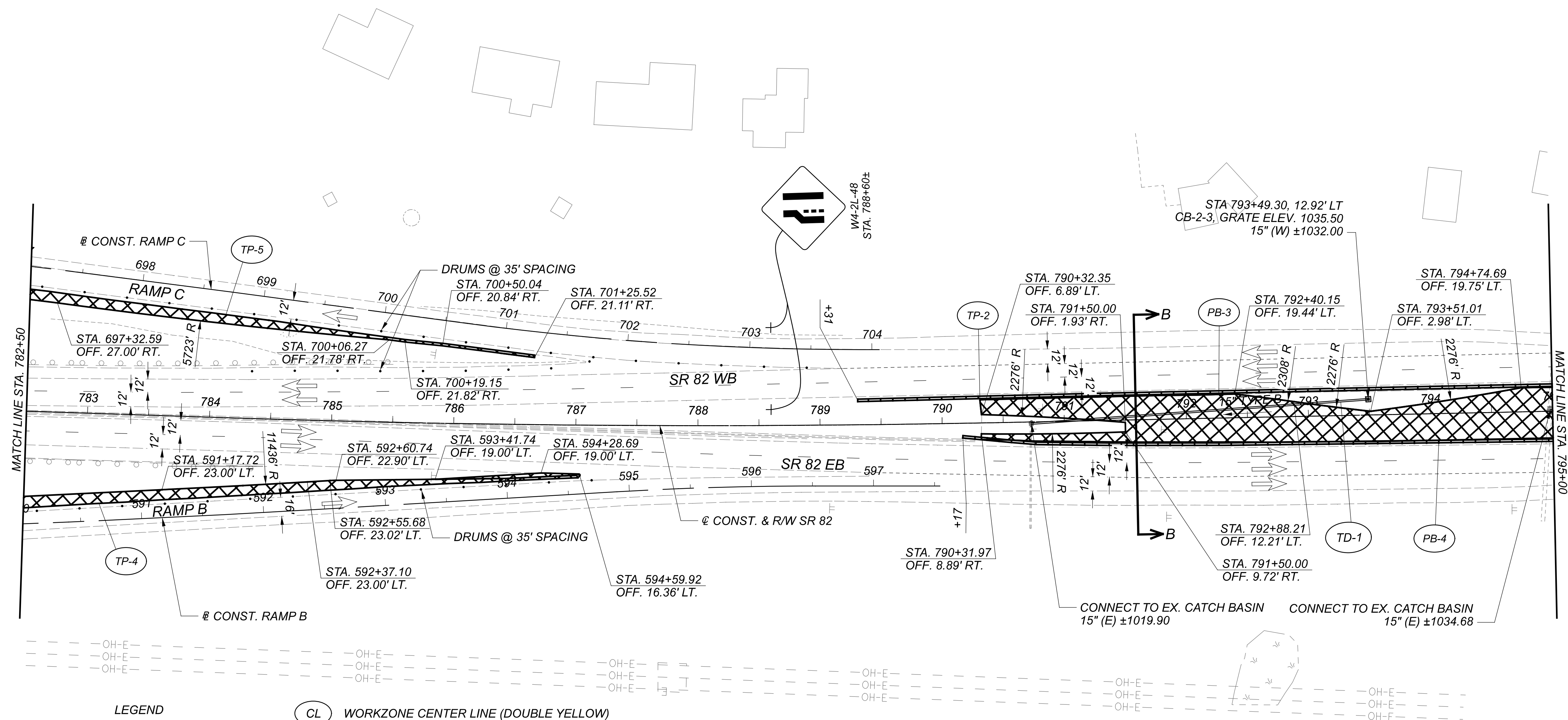
MAINTENANCE OF TRAFFIC
STAGE 1 PREPHASE SR 82

DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
77	704

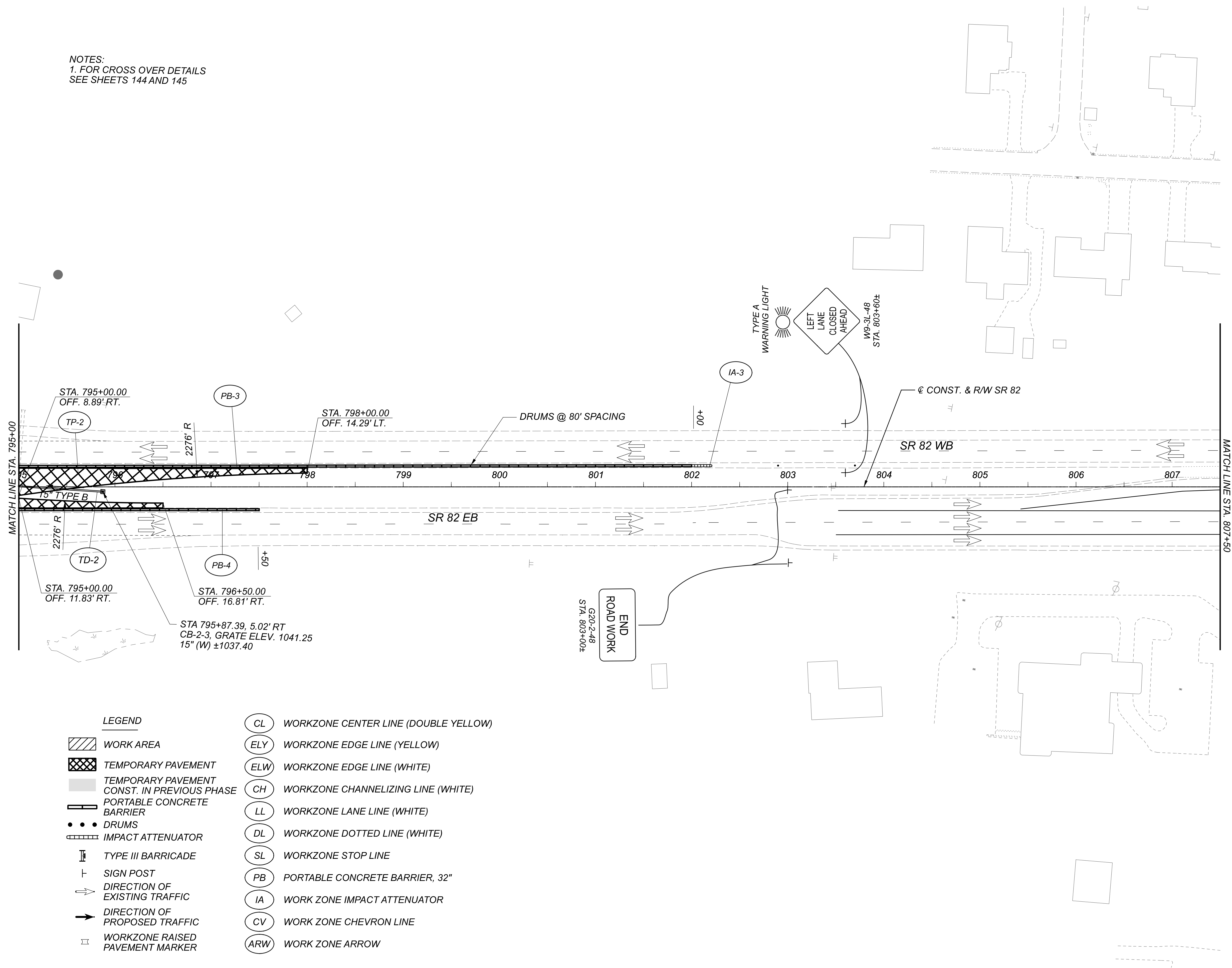
NOTES:
1. FOR CROSS OVER DETAILS
SEE SHEETS 144 AND 145



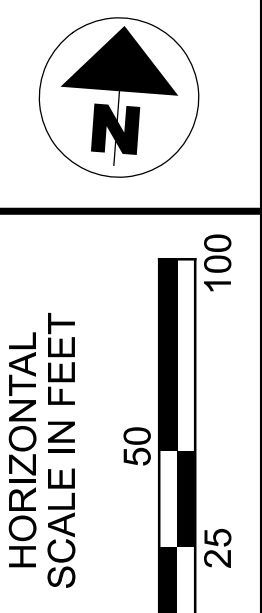
LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
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	CH WORKZONE CHANNELIZING LINE (WHITE)
	LL WORKZONE LANE LINE (WHITE)
	DL WORKZONE DOTTED LINE (WHITE)
	SL WORKZONE STOP LINE
	PB PORTABLE CONCRETE BARRIER, 32"
	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW

NOTES:
1. RAMPS C AND D TEMPORARY PAVEMENT
WILL BE INSTALLED AT NIGHT UNDER RAMP
CLOSURE. SEE DETOUR PLANS ON SHEETS 54 - 58.

NOTES:
1. FOR CROSS OVER DETAILS
SEE SHEETS 144 AND 145

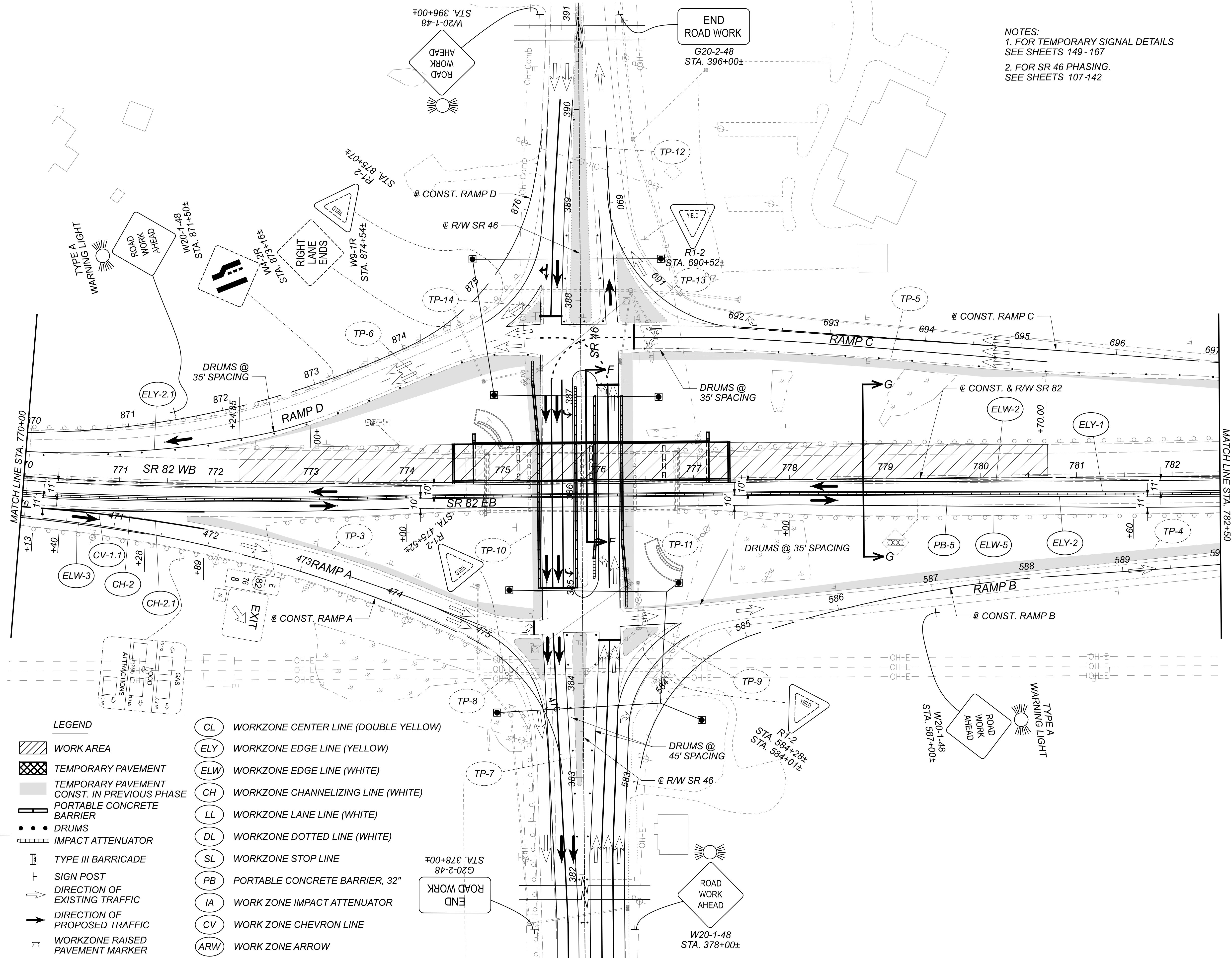


LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
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	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW



MAINTENANCE OF TRAFFIC
STAGE 1 PREPHASE SR 82

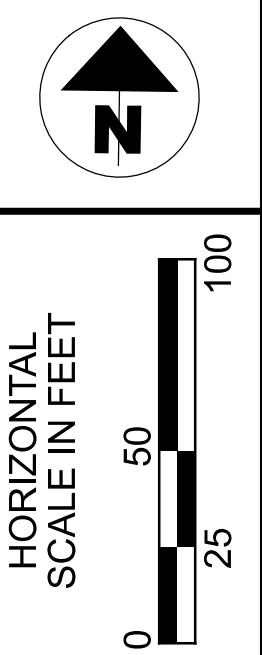
DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
78	704



NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS
 SEE SHEETS 149 - 167
 2. FOR SR 46 PHASING,
 SEE SHEETS 107-142

- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
 - PORTABLE CONCRETE BARRIER
 - DRUMS
 - IMPACT ATTENUATOR
 - TYPE III BARRICADE
 - SIGN POST
 - DIRECTION OF EXISTING TRAFFIC
 - DIRECTION OF PROPOSED TRAFFIC
 - WORKZONE RAISED PAVEMENT MARKER

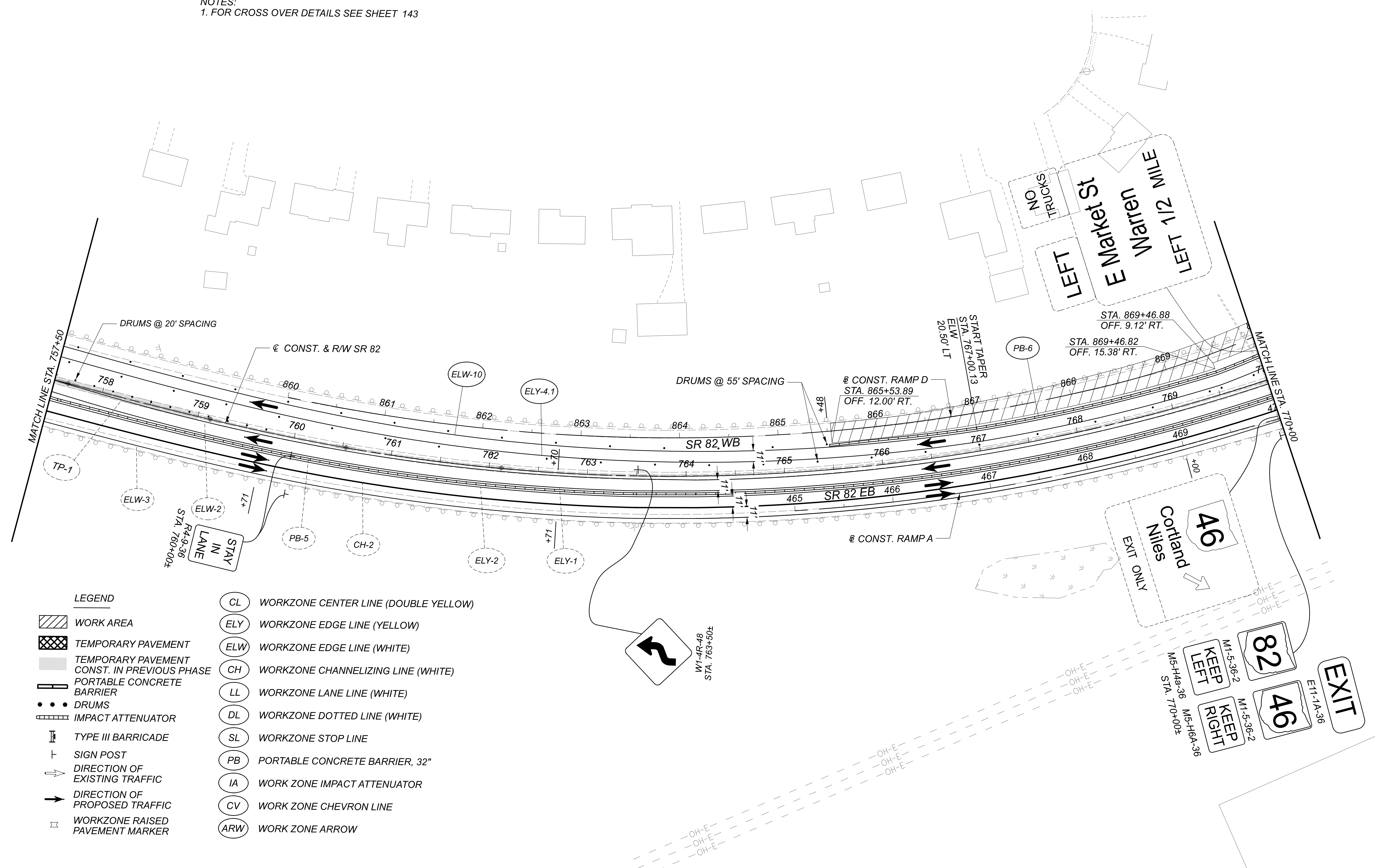
- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
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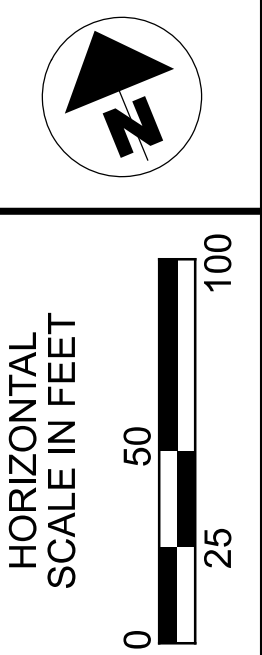
**MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 1 SR 82**

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
83	704

NOTES:
 1. FOR CROSS OVER DETAILS SEE SHEET 143

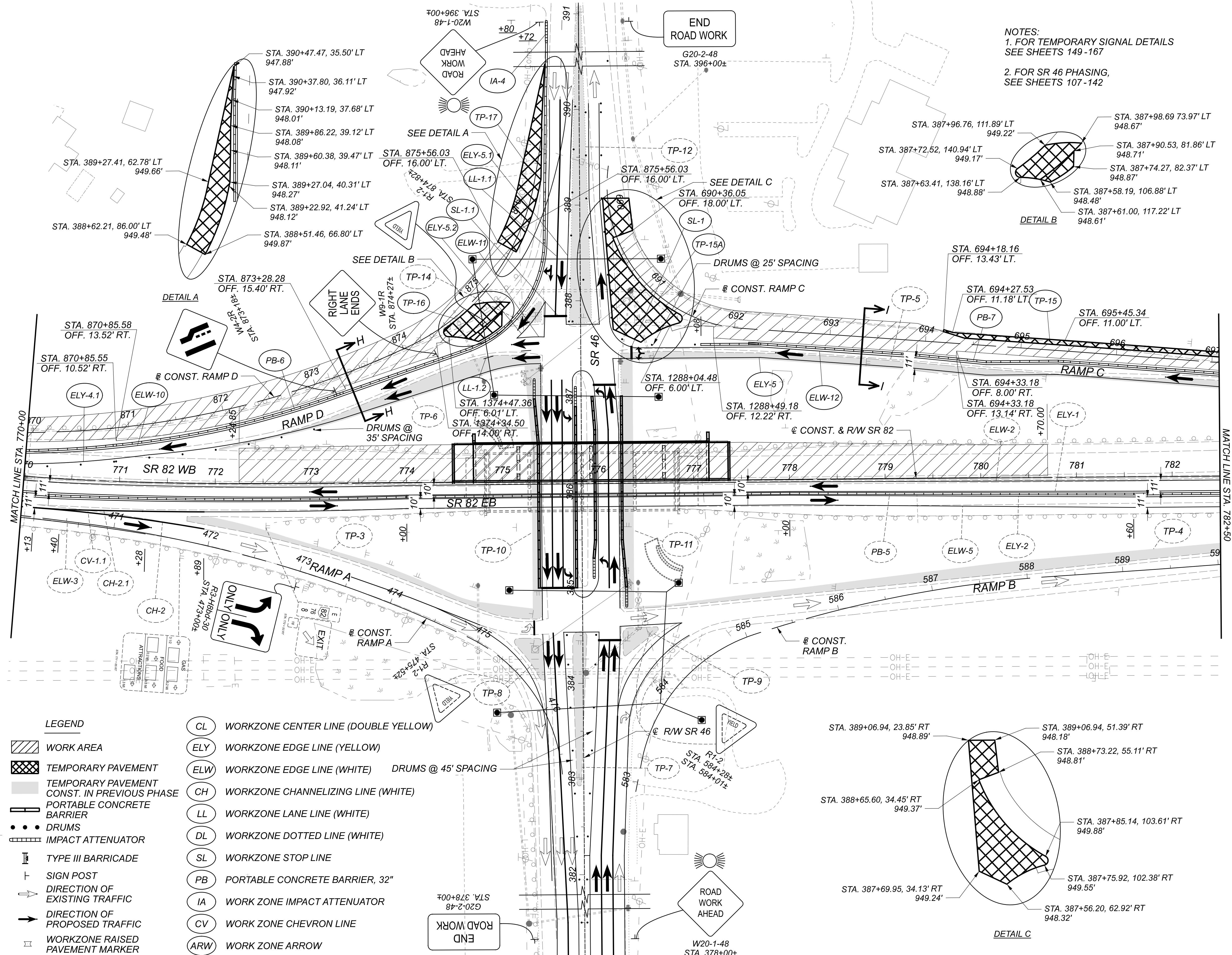


LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
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	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW



MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 1 STEP 1 SR 82

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
88	704

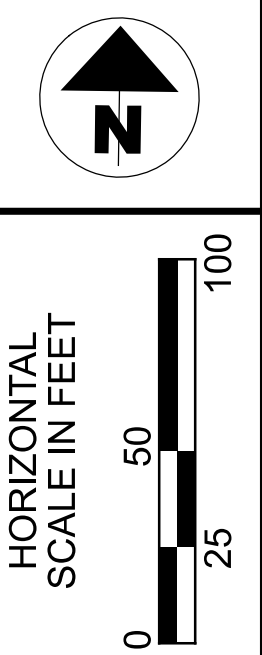


LEGEND

	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER

	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW)
	WORKZONE EDGE LINE (WHITE) DRUMS @ 45' SPACING
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW

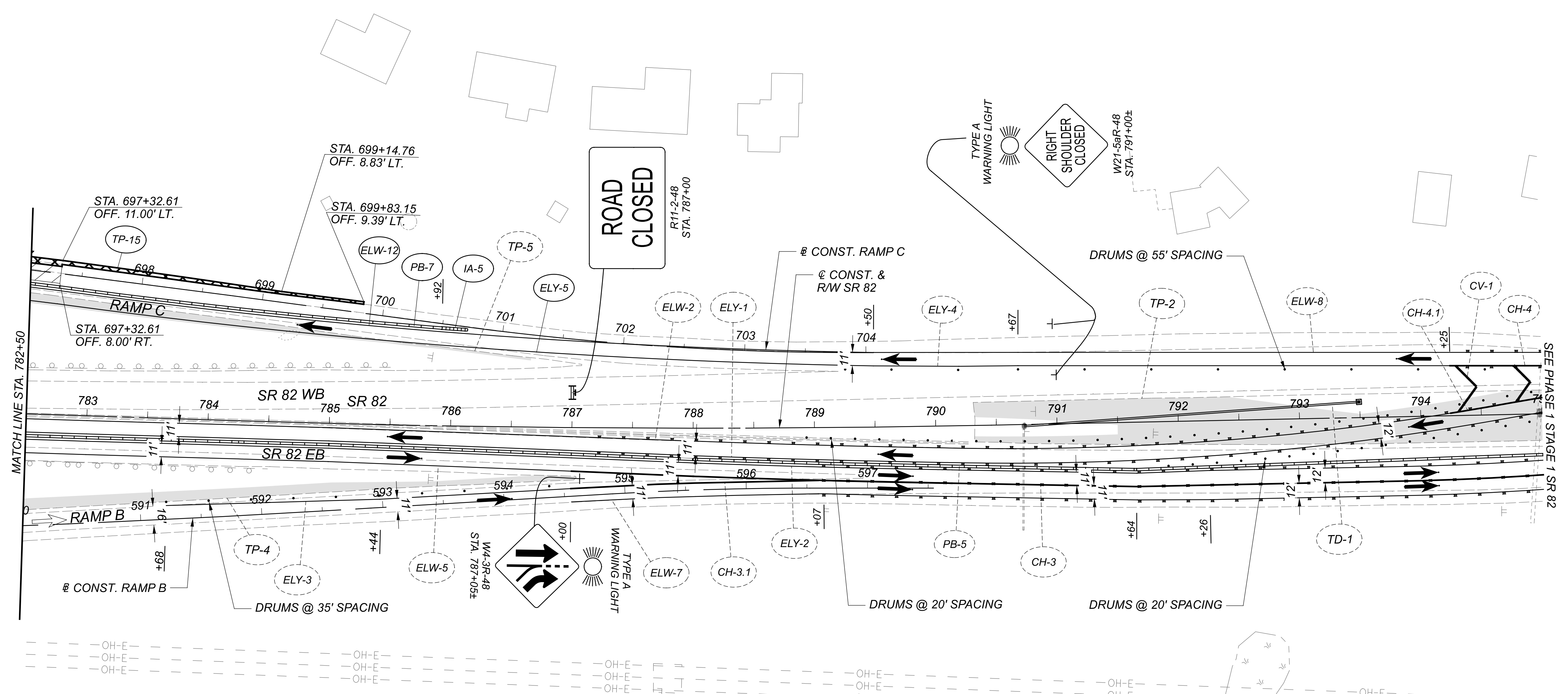
NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149-167
 2. FOR SR 46 PHASING, SEE SHEETS 107-142



**MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 1 STEP 1 SR 82**

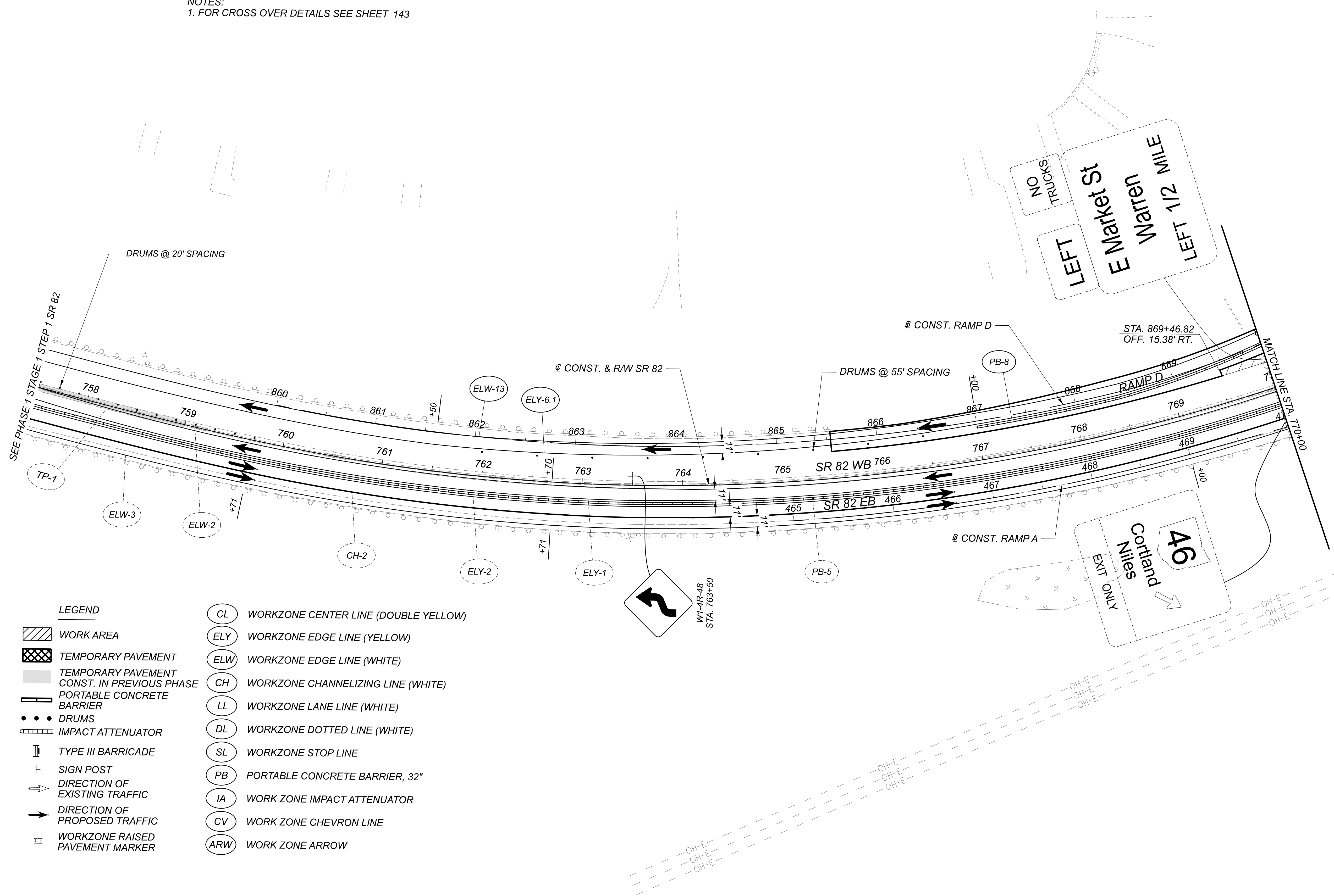
DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
89	704

NOTES:
1. FOR CROSS OVER DETAILS
SEE SHEETS 144 AND 145

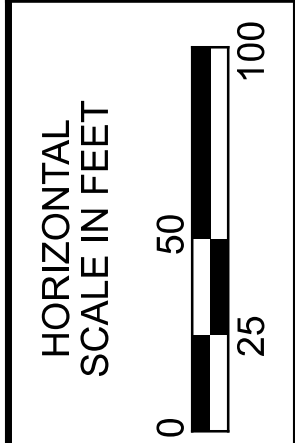
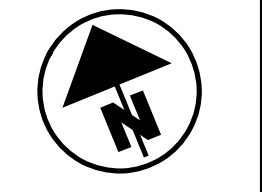


LEGEND			
	WORK AREA		WORKZONE CENTER LINE (DOUBLE YELLOW)
	TEMPORARY PAVEMENT		WORKZONE EDGE LINE (YELLOW)
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE		WORKZONE EDGE LINE (WHITE)
	PORTABLE CONCRETE BARRIER		WORKZONE CHANNELIZING LINE (WHITE)
	DRUMS		WORKZONE LANE LINE (WHITE)
	IMPACT ATTENUATOR		WORKZONE DOTTED LINE (WHITE)
	TYPE III BARRICADE		WORKZONE STOP LINE
	SIGN POST		PORTABLE CONCRETE BARRIER, 32"
	DIRECTION OF EXISTING TRAFFIC		WORK ZONE IMPACT ATTENUATOR
	DIRECTION OF PROPOSED TRAFFIC		WORK ZONE CHEVRON LINE
	WORKZONE RAISED PAVEMENT MARKER		WORK ZONE ARROW

NOTES:
 1. FOR CROSS OVER DETAILS SEE SHEET 143



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	CL WORKZONE CENTER LINE (DOUBLE YELLOW)
	ELY WORKZONE EDGE LINE (YELLOW)
	ELW WORKZONE EDGE LINE (WHITE)
	CH WORKZONE CHANNELIZING LINE (WHITE)
	LL WORKZONE LANE LINE (WHITE)
	DL WORKZONE DOTTED LINE (WHITE)
	SL WORKZONE STOP LINE
	PB PORTABLE CONCRETE BARRIER, 32"
	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW

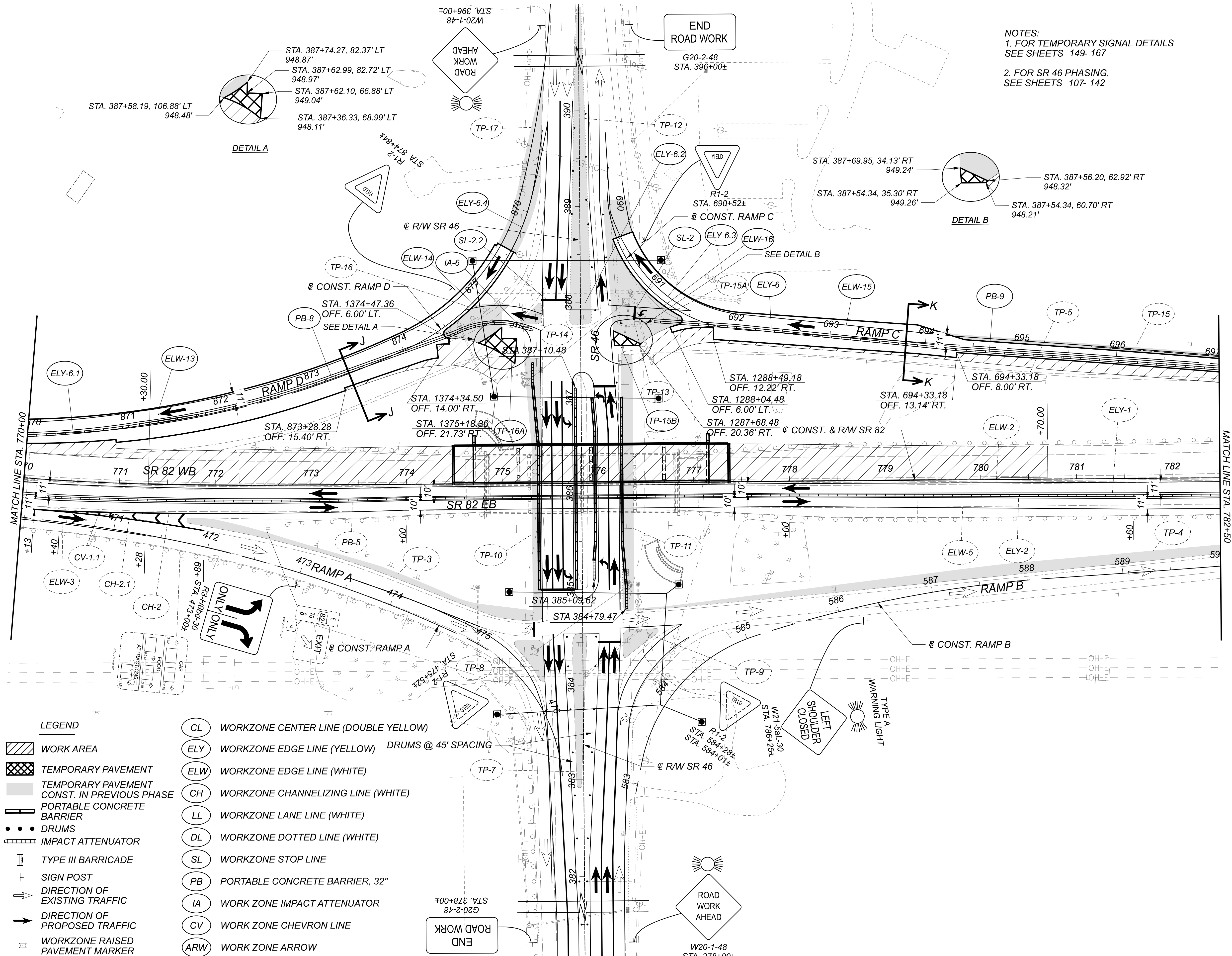


MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 1 STEP 2 SR 82

DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
91	704

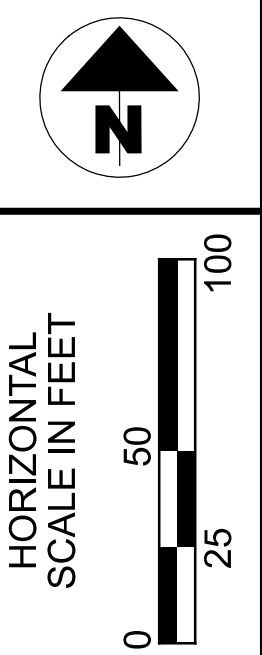


LEGEND

	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER

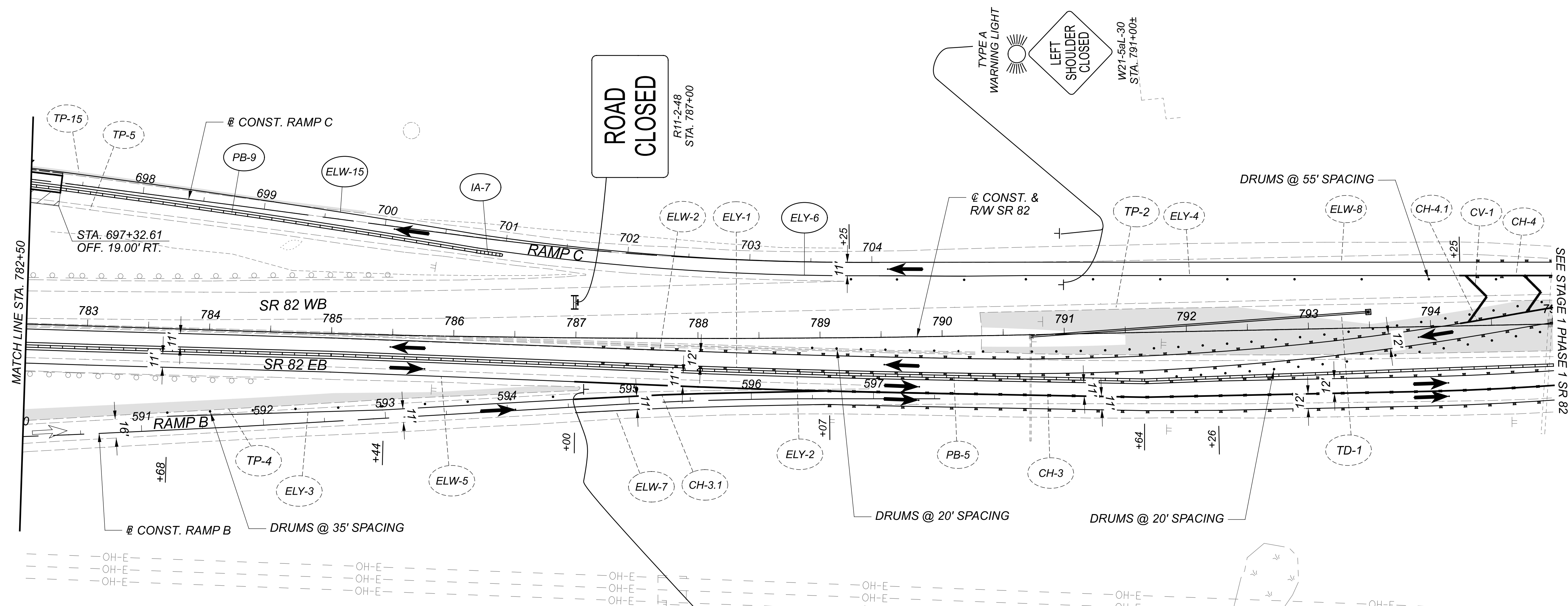
	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW) DRUMS @ 45' SPACING
	WORKZONE EDGE LINE (WHITE)
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW

NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149-167
 2. FOR SR 46 PHASING, SEE SHEETS 107-142



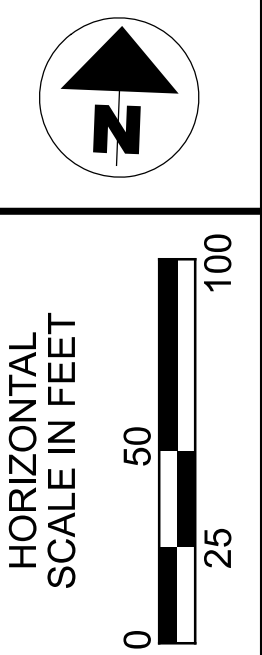
**MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 1 STEP 2 SR 82**

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 01/29/21
PROJECT ID	108547
SHEET	TOTAL
92	704



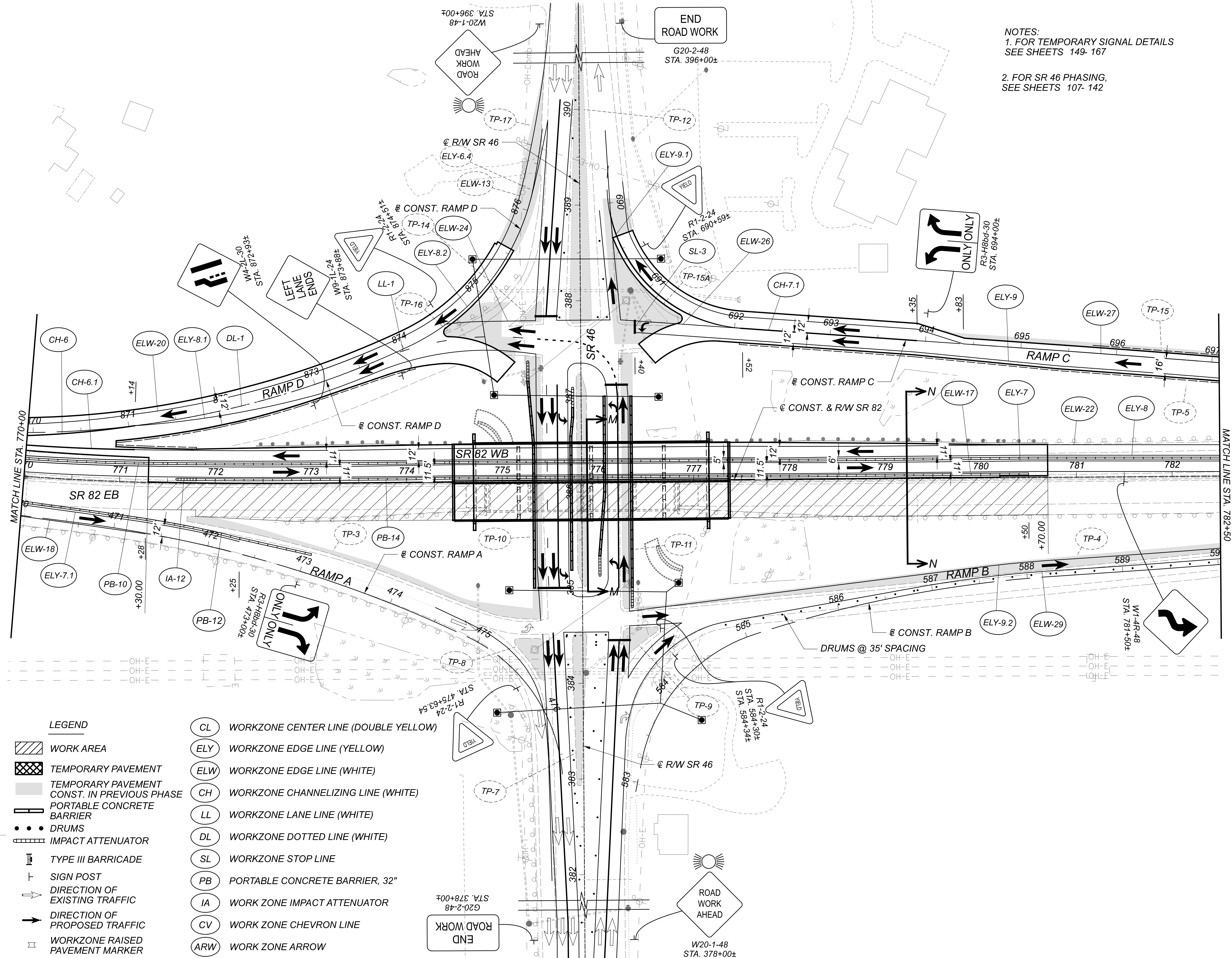
NOTES:
 1. FOR CROSS OVER DETAILS
 SEE SHEETS 144 AND 145

LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	CL WORKZONE CENTER LINE (DOUBLE YELLOW)
	ELY WORKZONE EDGE LINE (YELLOW)
	ELW WORKZONE EDGE LINE (WHITE)
	CH WORKZONE CHANNELIZING LINE (WHITE)
	LL WORKZONE LANE LINE (WHITE)
	DL WORKZONE DOTTED LINE (WHITE)
	SL WORKZONE STOP LINE
	PB PORTABLE CONCRETE BARRIER, 32"
	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW



MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 1 STEP 2 SR 82

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
93	704

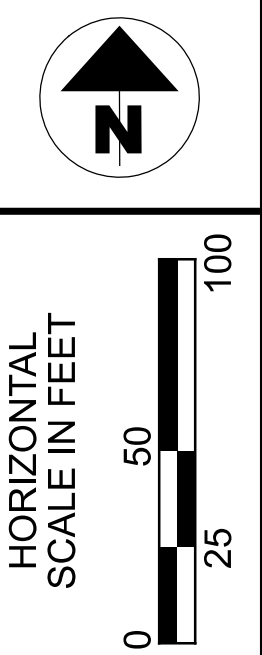


LEGEND

	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER

	CL	WORKZONE CENTER LINE (DOUBLE YELLOW)
	ELY	WORKZONE EDGE LINE (YELLOW)
	ELW	WORKZONE EDGE LINE (WHITE)
	CH	WORKZONE CHANNELIZING LINE (WHITE)
	LL	WORKZONE LANE LINE (WHITE)
	DL	WORKZONE DOTTED LINE (WHITE)
	SL	WORKZONE STOP LINE
	PB	PORTABLE CONCRETE BARRIER, 32"
	IA	WORK ZONE IMPACT ATTENUATOR
	CV	WORK ZONE CHEVRON LINE
	ARW	WORK ZONE ARROW

NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149- 167
 2. FOR SR 46 PHASING, SEE SHEETS 107- 142



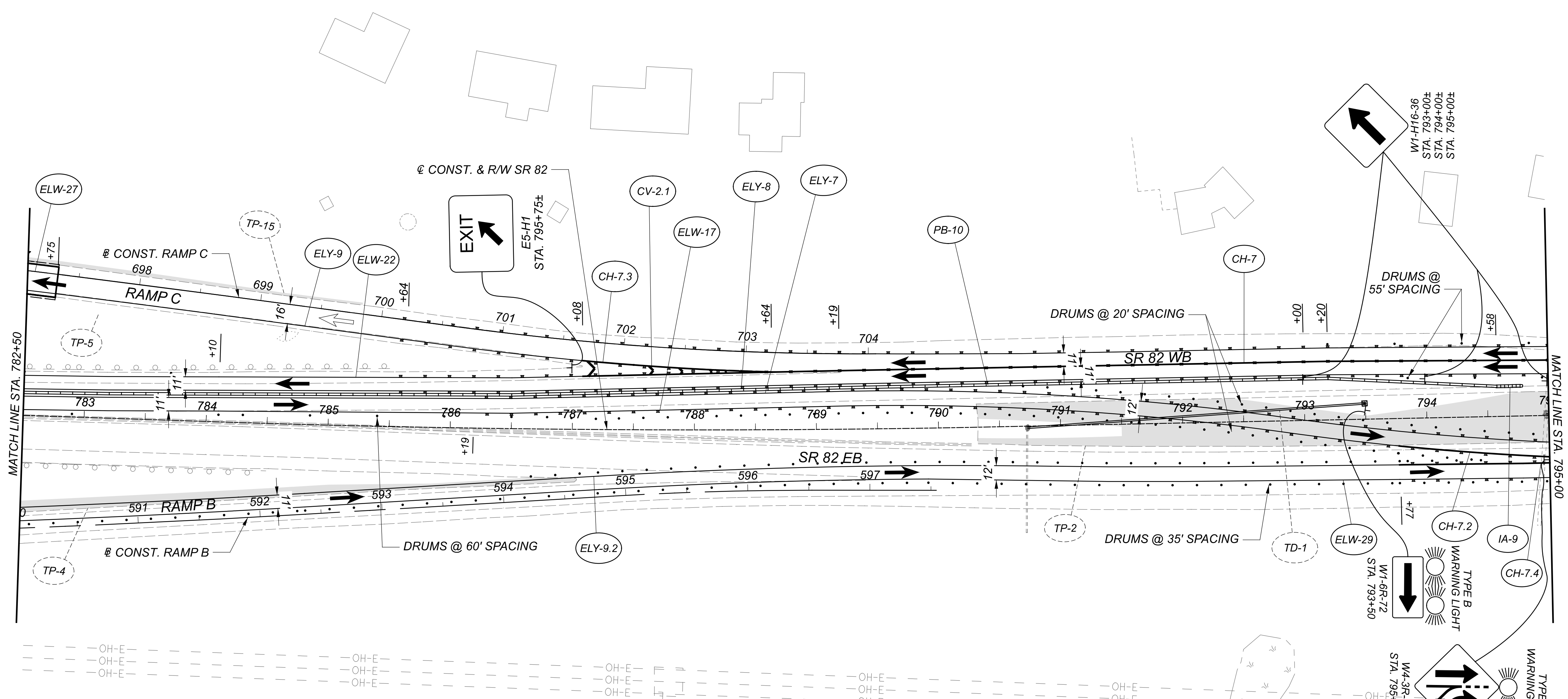
MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 2 SR 82

DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
97	704

NOTES:
1. FOR CROSS OVER DETAILS
SEE SHEETS 147 AND 148



LEGEND

	WORK AREA		WORKZONE CENTER LINE (DOUBLE YELLOW)
	TEMPORARY PAVEMENT		WORKZONE EDGE LINE (YELLOW)
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE		WORKZONE EDGE LINE (WHITE)
	PORTABLE CONCRETE BARRIER		WORKZONE CHANNELIZING LINE (WHITE)
	DRUMS		WORKZONE LANE LINE (WHITE)
	IMPACT ATTENUATOR		WORKZONE DOTTED LINE (WHITE)
	TYPE III BARRICADE		WORKZONE STOP LINE
	SIGN POST		PORTABLE CONCRETE BARRIER, 32"
	DIRECTION OF EXISTING TRAFFIC		WORK ZONE IMPACT ATTENUATOR
	DIRECTION OF PROPOSED TRAFFIC		WORK ZONE CHEVRON LINE
	WORKZONE RAISED PAVEMENT MARKER		WORK ZONE ARROW

MAINTENANCE OF TRAFFIC
STAGE 1 PHASE 2 SR 82

DESIGN AGENCY

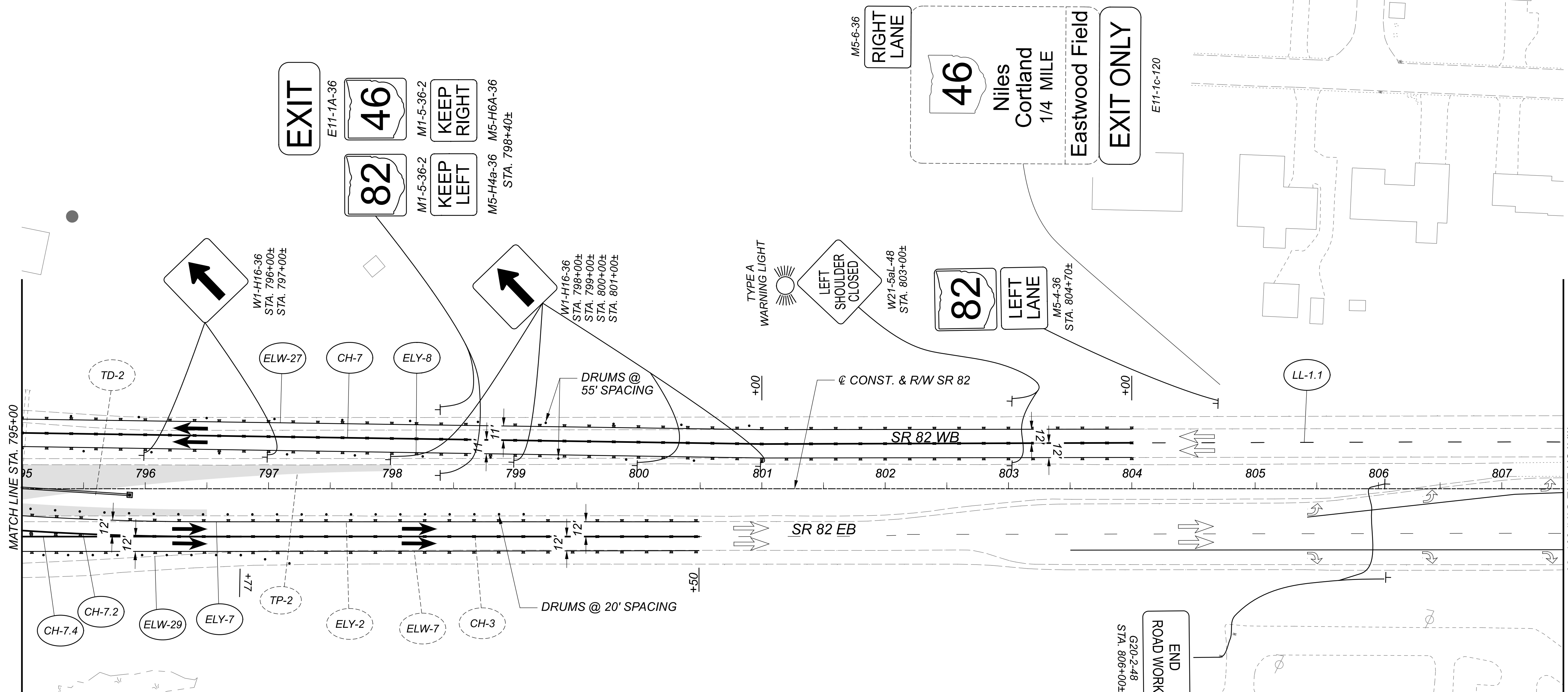
DESIGNER
REM

REVIEWER
KF 08/19/21

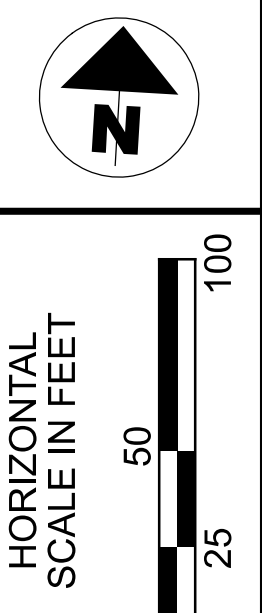
PROJECT ID
108547

SHEET 98 TOTAL 704

NOTES:
 1. FOR CROSS OVER DETAILS
 SEE SHEETS 147 AND 148

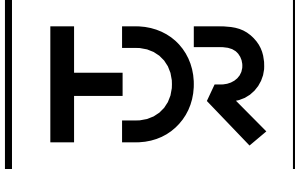


LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	CL WORKZONE CENTER LINE (DOUBLE YELLOW)
	ELY WORKZONE EDGE LINE (YELLOW)
	ELW WORKZONE EDGE LINE (WHITE)
	CH WORKZONE CHANNELIZING LINE (WHITE)
	LL WORKZONE LANE LINE (WHITE)
	DL WORKZONE DOTTED LINE (WHITE)
	SL WORKZONE STOP LINE
	PB PORTABLE CONCRETE BARRIER, 32"
	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW

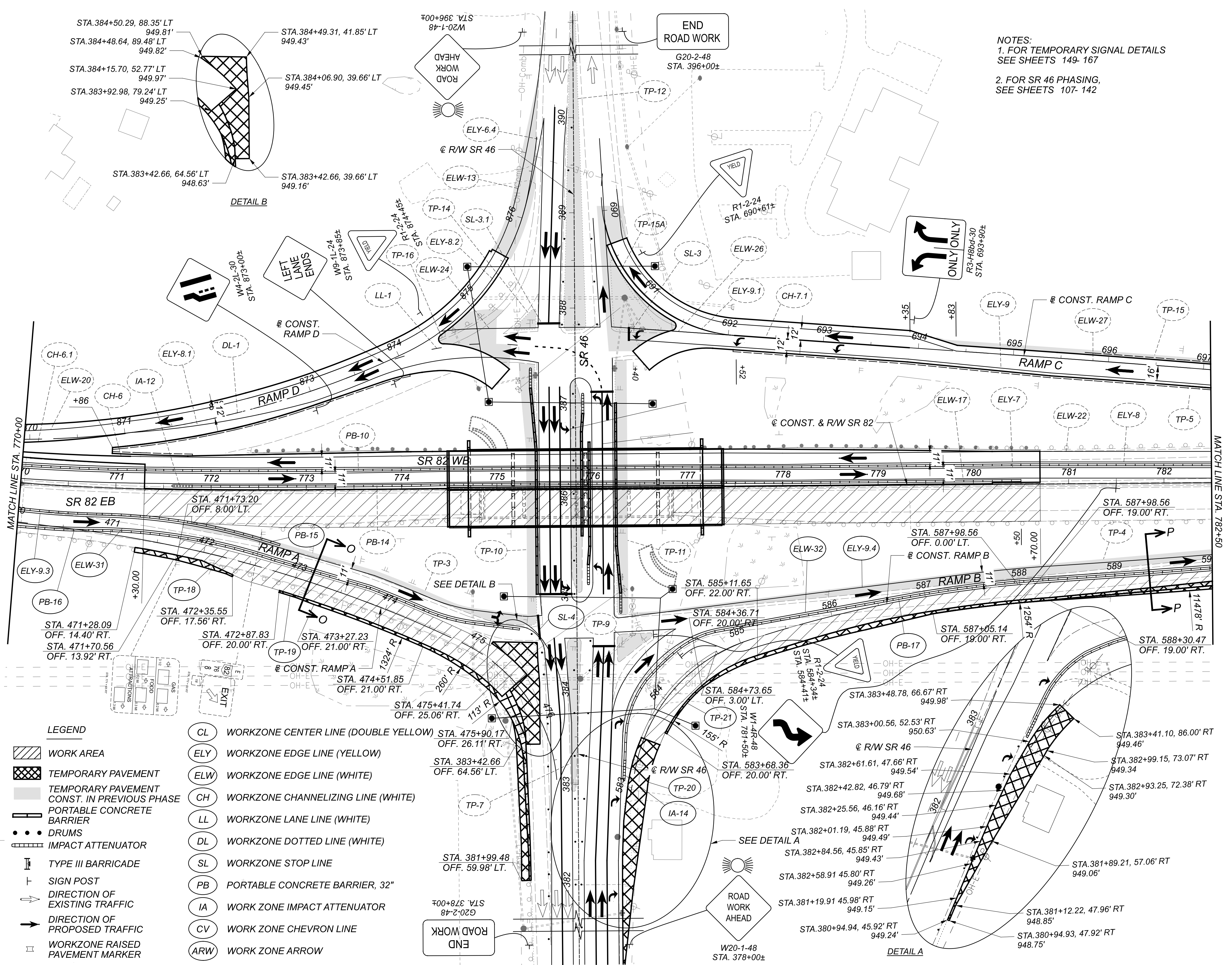


MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 2 SR 82

DESIGN AGENCY



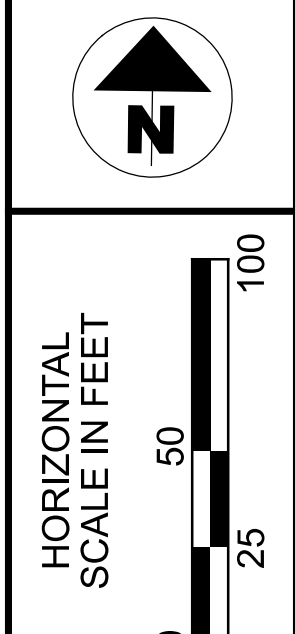
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
99	704



LEGEND

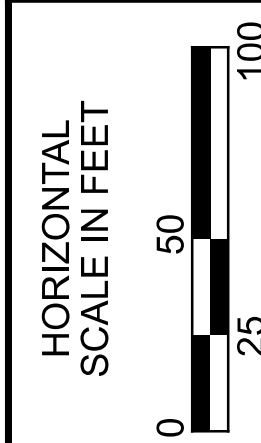
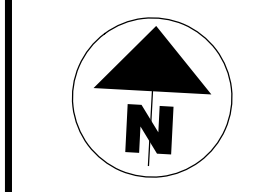
	WORK AREA		WORKZONE CENTER LINE (DOUBLE YELLOW)
	TEMPORARY PAVEMENT		WORKZONE EDGE LINE (YELLOW)
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE		WORKZONE EDGE LINE (WHITE)
	PORTABLE CONCRETE BARRIER		WORKZONE CHANNELIZING LINE (WHITE)
	DRUMS		WORKZONE LANE LINE (WHITE)
	IMPACT ATTENUATOR		WORKZONE DOTTED LINE (WHITE)
	TYPE III BARRICADE		WORKZONE STOP LINE
	SIGN POST		PORTABLE CONCRETE BARRIER, 32"
	DIRECTION OF EXISTING TRAFFIC		WORK ZONE IMPACT ATTENUATOR
	DIRECTION OF PROPOSED TRAFFIC		WORK ZONE CHEVRON LINE
	WORKZONE RAISED PAVEMENT MARKER		WORK ZONE ARROW

NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149-167
 2. FOR SR 46 PHASING, SEE SHEETS 107-142



**MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 2 STEP 1 SR 82**

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
102	704



MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 2 STEP 1 SR 82

DESIGN AGENCY



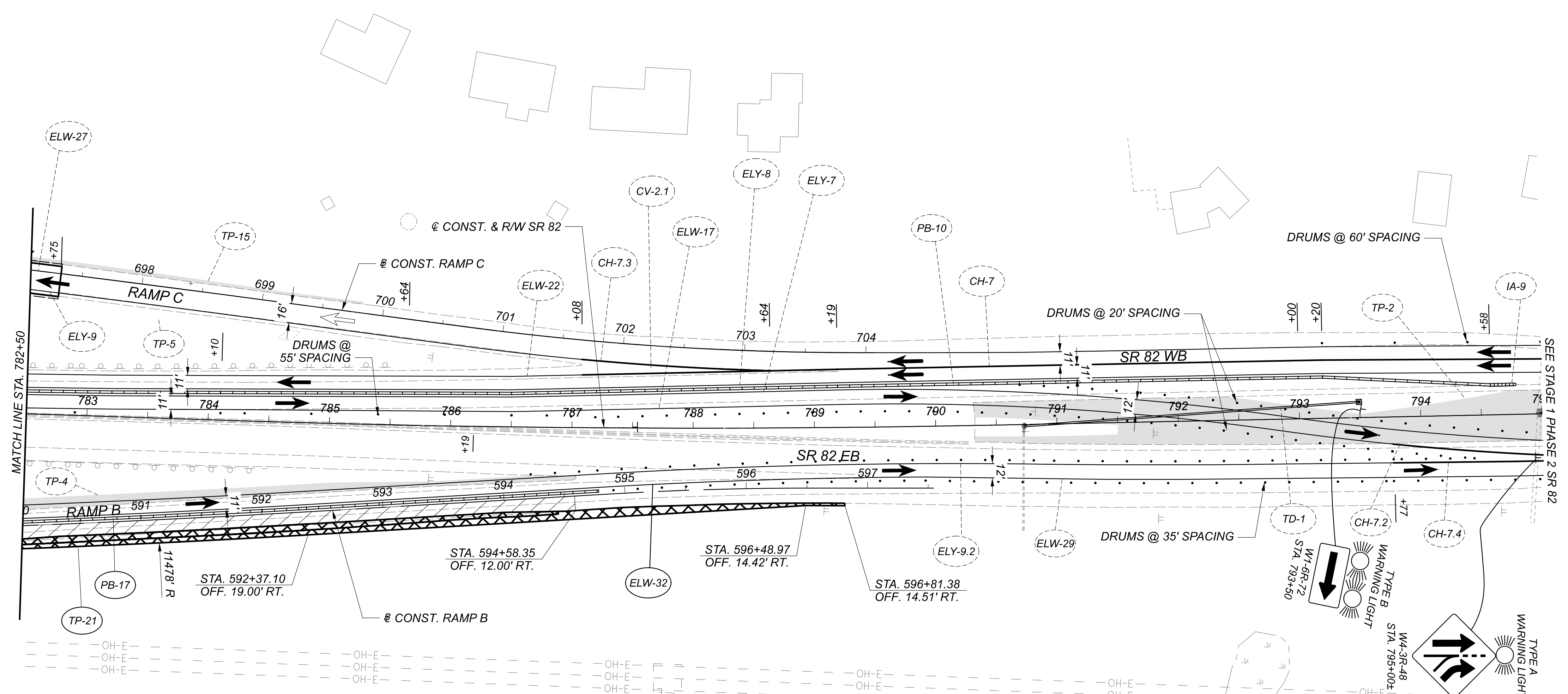
DESIGNER
REM

REVIEWER
KF 08/19/21

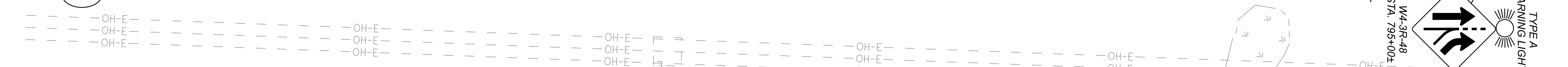
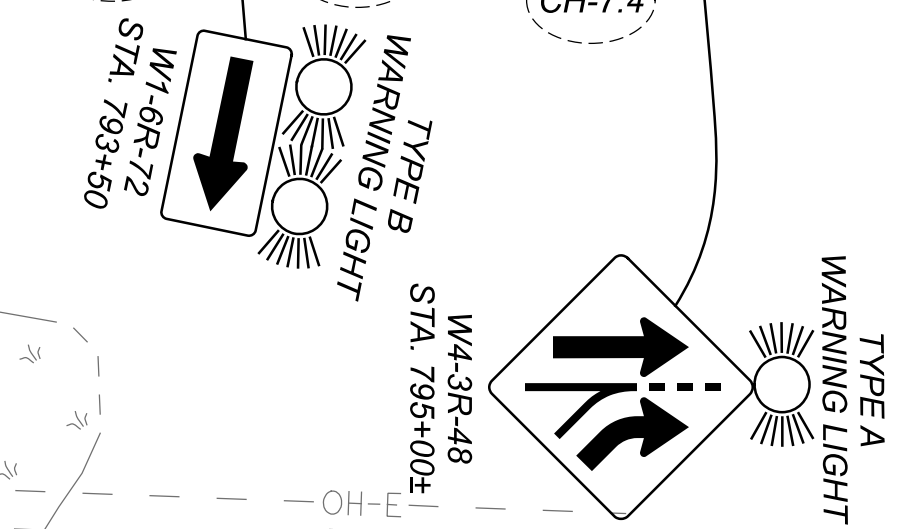
PROJECT ID
108547

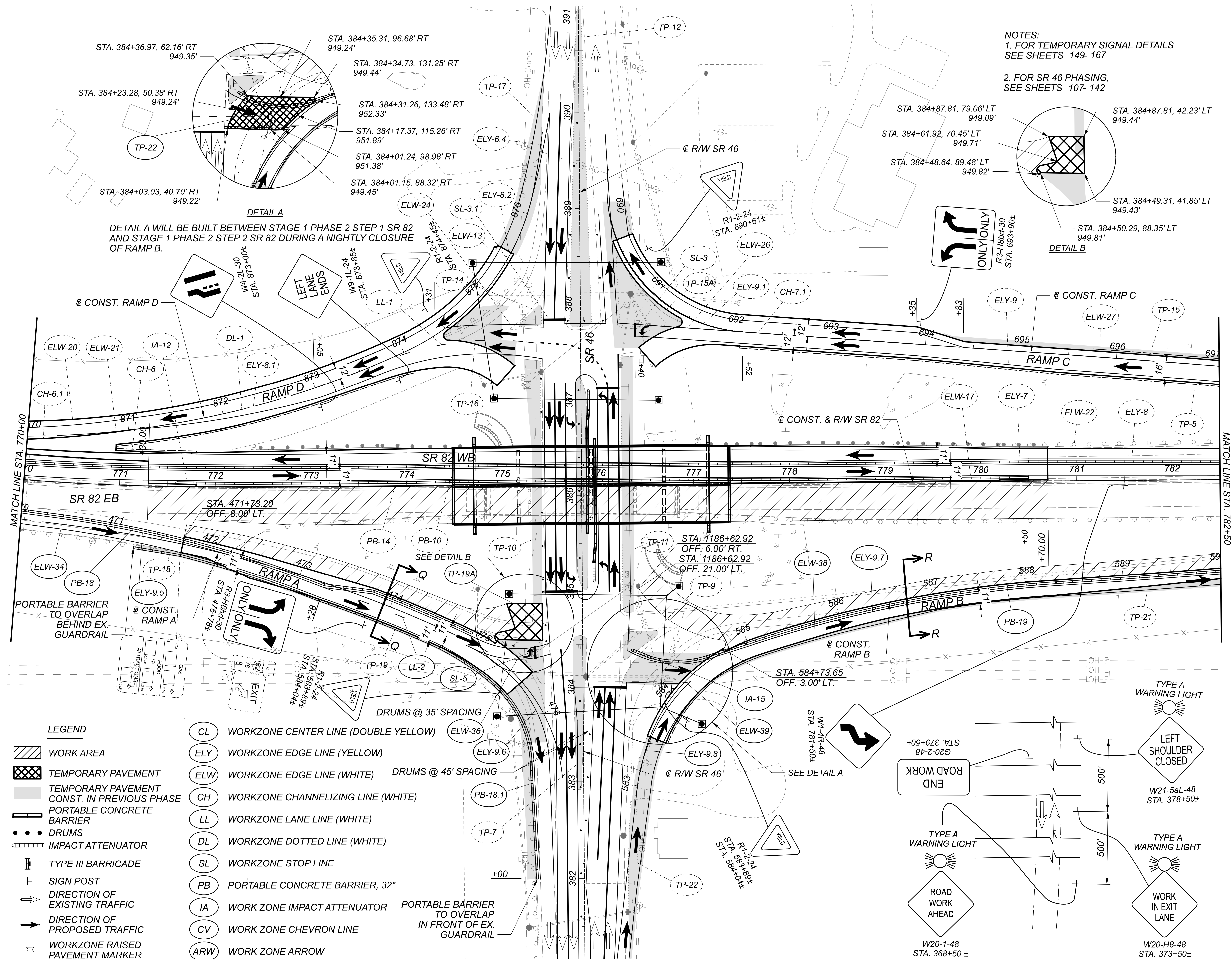
SHEET TOTAL
103 704

NOTES:
1. FOR CROSS OVER DETAILS
SEE SHEETS 147 AND 148



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	CL WORKZONE CENTER LINE (DOUBLE YELLOW)
	ELY WORKZONE EDGE LINE (YELLOW)
	ELW WORKZONE EDGE LINE (WHITE)
	CH WORKZONE CHANNELIZING LINE (WHITE)
	LL WORKZONE LANE LINE (WHITE)
	DL WORKZONE DOTTED LINE (WHITE)
	SL WORKZONE STOP LINE
	PB PORTABLE CONCRETE BARRIER, 32"
	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW



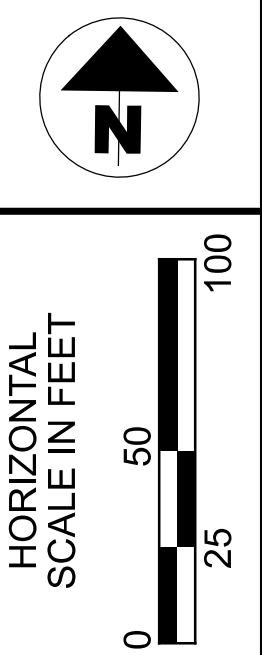


LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
- PORTABLE CONCRETE BARRIER
- DRUMS
- IMPACT ATTENUATOR
- TYPE III BARRICADE
- SIGN POST
- DIRECTION OF EXISTING TRAFFIC
- DIRECTION OF PROPOSED TRAFFIC
- WORKZONE RAISED PAVEMENT MARKER
- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW

DETAIL A
 DETAIL A WILL BE BUILT BETWEEN STAGE 1 PHASE 2 STEP 1 SR 82 AND STAGE 1 PHASE 2 STEP 2 SR 82 DURING A NIGHTLY CLOSURE OF RAMP B.

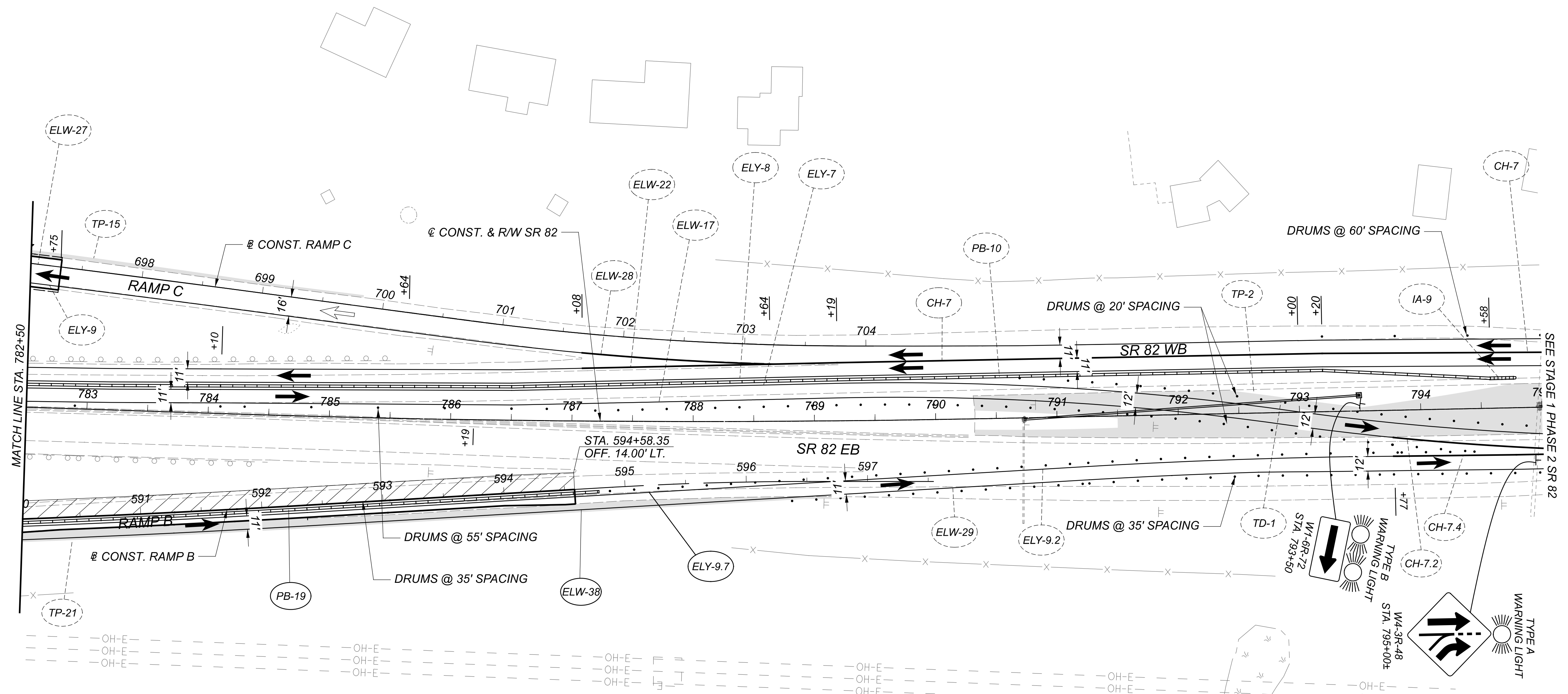
NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149-167
 2. FOR SR 46 PHASING, SEE SHEETS 107-142



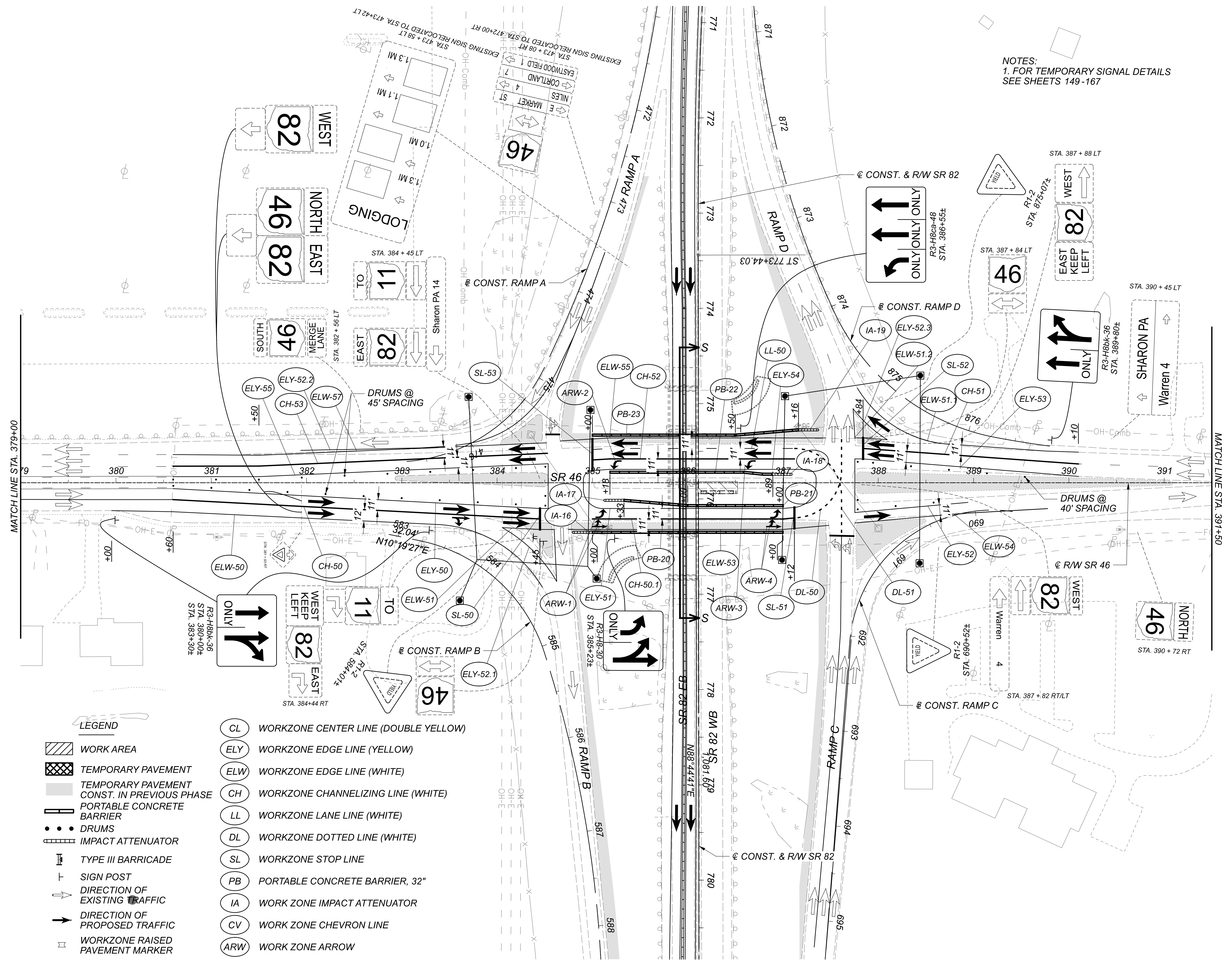
MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 2 STEP 2 SR 82

DESIGN AGENCY	HR
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
105	704

NOTES:
 1. FOR CROSS OVER DETAILS
 SEE SHEETS 147 AND 148



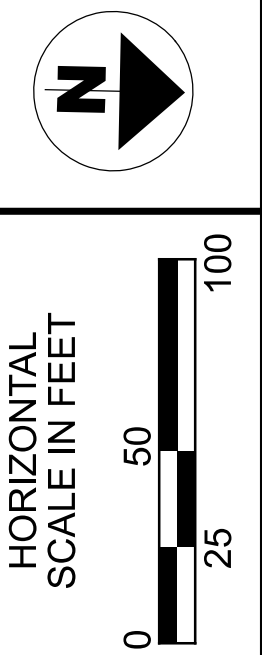
LEGEND			
	WORK AREA		CL WORKZONE CENTER LINE (DOUBLE YELLOW)
	TEMPORARY PAVEMENT		ELY WORKZONE EDGE LINE (YELLOW)
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE		ELW WORKZONE EDGE LINE (WHITE)
	PORTABLE CONCRETE BARRIER		CH WORKZONE CHANNELIZING LINE (WHITE)
	DRUMS		LL WORKZONE LANE LINE (WHITE)
	IMPACT ATTENUATOR		DL WORKZONE DOTTED LINE (WHITE)
	TYPE III BARRICADE		SL WORKZONE STOP LINE
	SIGN POST		PB PORTABLE CONCRETE BARRIER, 32"
	DIRECTION OF EXISTING TRAFFIC		IA WORK ZONE IMPACT ATTENUATOR
	DIRECTION OF PROPOSED TRAFFIC		CV WORK ZONE CHEVRON LINE
	WORKZONE RAISED PAVEMENT MARKER		ARW WORK ZONE ARROW



NOTES:
1. FOR TEMPORARY SIGNAL DETAILS
SEE SHEETS 149-167

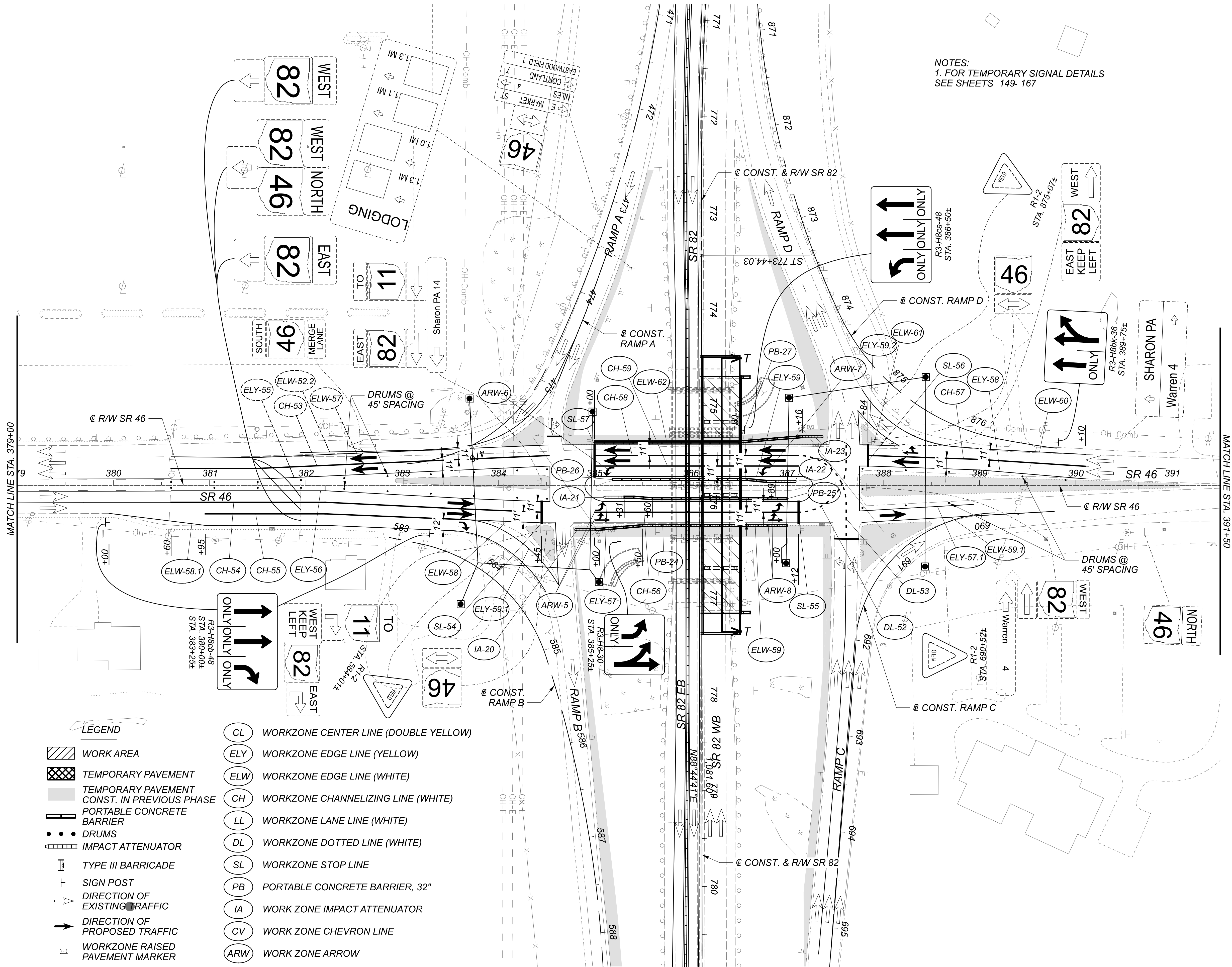
- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
 - PORTABLE CONCRETE BARRIER
 - DRUMS
 - IMPACT ATTENUATOR
 - TYPE III BARRICADE
 - SIGN POST
 - DIRECTION OF EXISTING TRAFFIC
 - DIRECTION OF PROPOSED TRAFFIC
 - WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW



MAINTENANCE OF TRAFFIC
STAGE 1 PHASE 1 STEP 1 SR 46

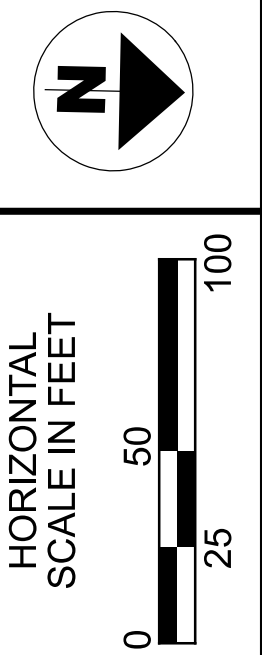
DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
108	704



NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS
 SEE SHEETS 149-167

- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
 - PORTABLE CONCRETE BARRIER
 - DRUMS
 - IMPACT ATTENUATOR
 - TYPE III BARRICADE
 - SIGN POST
 - DIRECTION OF EXISTING TRAFFIC
 - DIRECTION OF PROPOSED TRAFFIC
 - WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW



**MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 1 STEP 2 SR 46**

DESIGN AGENCY

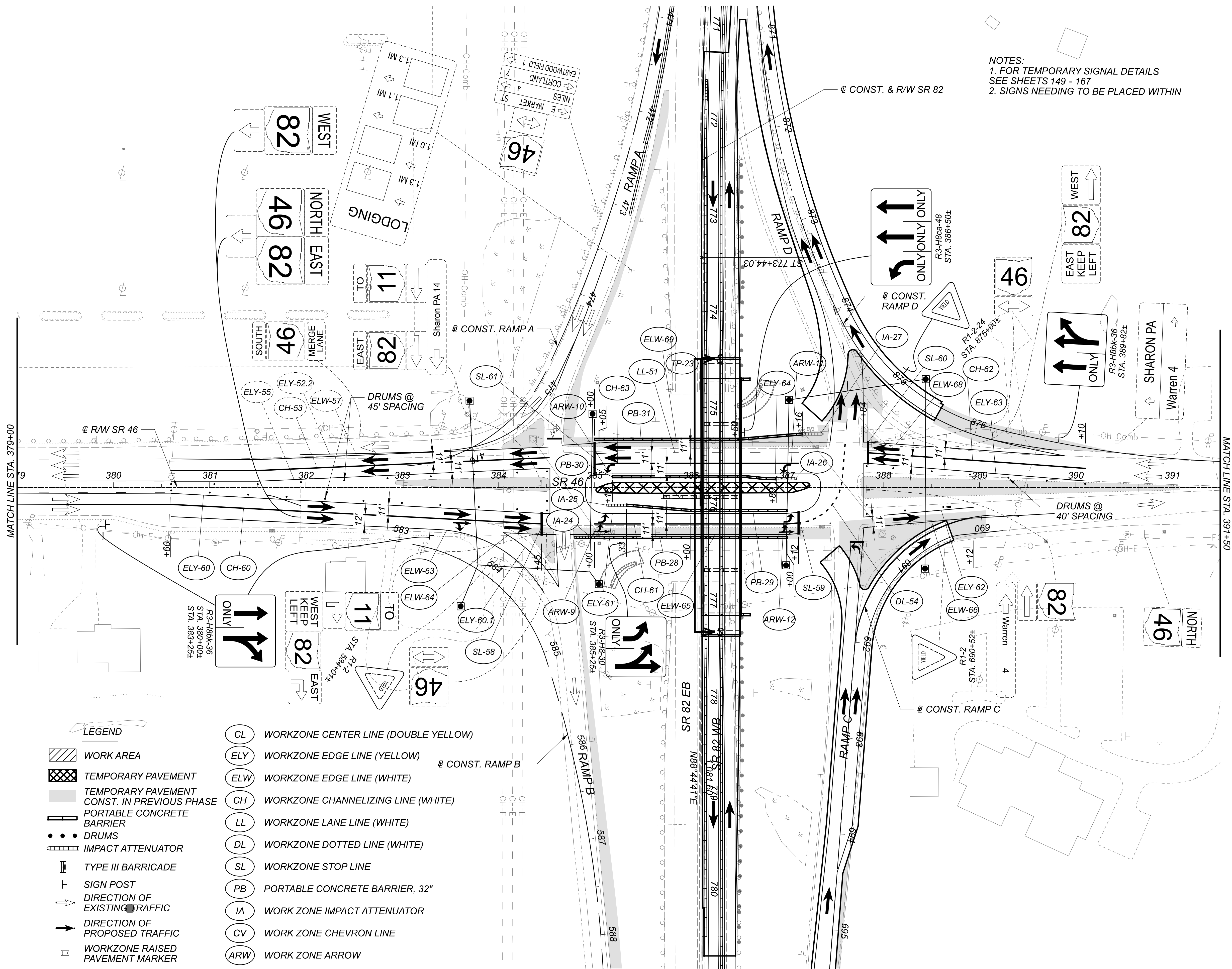


DESIGNER
REM

REVIEWER
KF 08/19/21

PROJECT ID
108547

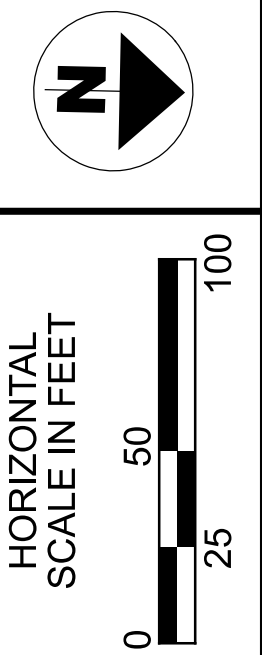
SHEET	TOTAL
111	704



NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS
 SEE SHEETS 149 - 167
 2. SIGNS NEEDING TO BE PLACED WITHIN

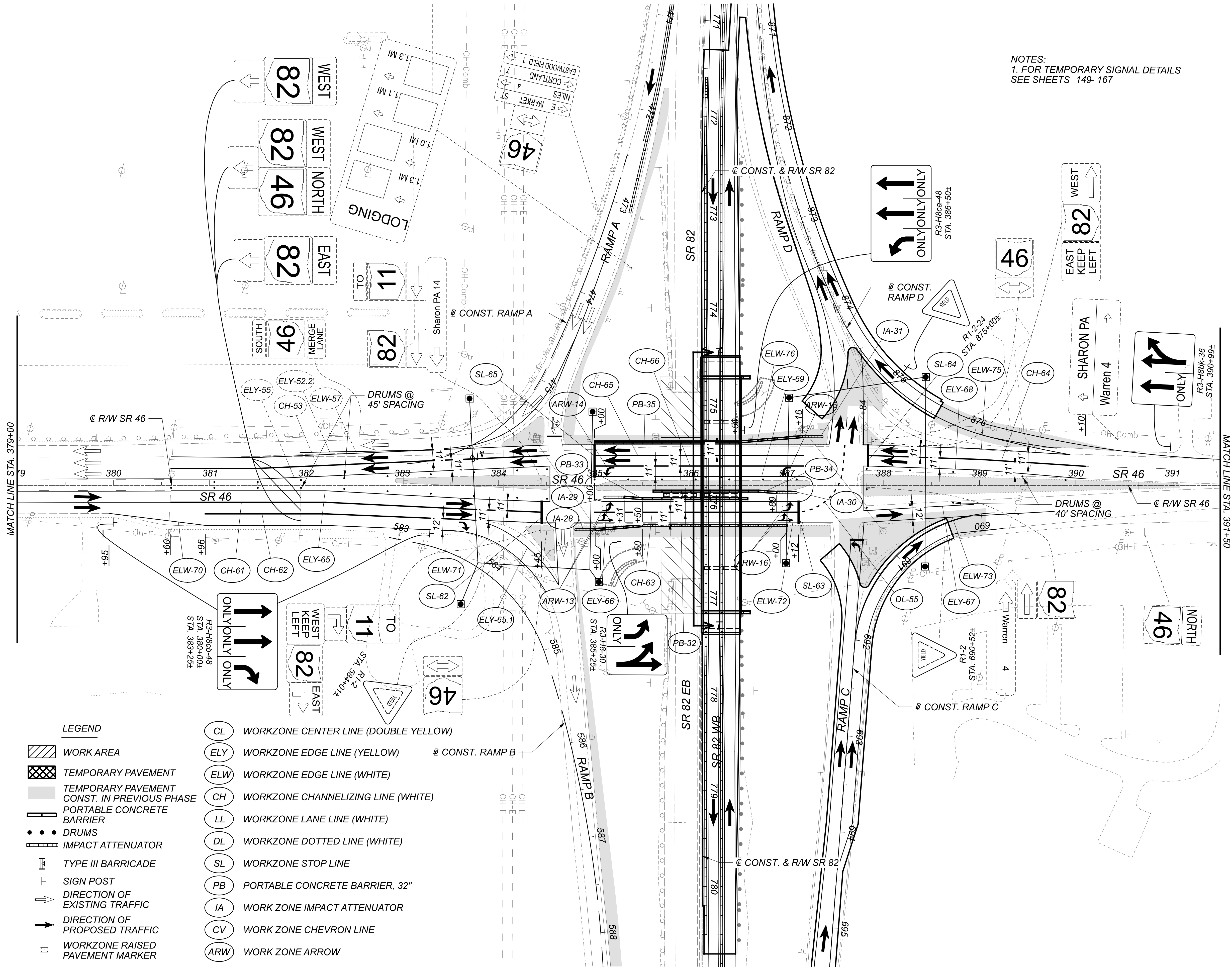
- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
 - PORTABLE CONCRETE BARRIER
 - DRUMS
 - IMPACT ATTENUATOR
 - TYPE III BARRICADE
 - SIGN POST
 - DIRECTION OF EXISTING TRAFFIC
 - DIRECTION OF PROPOSED TRAFFIC
 - WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW



**MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 2 STEP 1 SR 46**

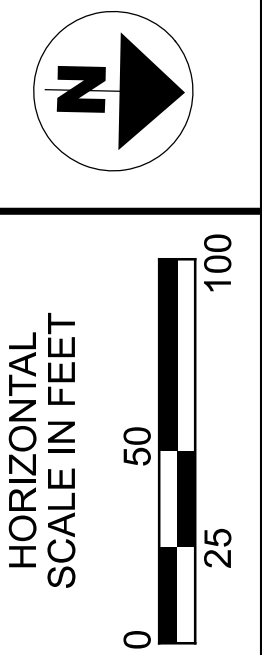
DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
114	704



NOTES:
 1. FOR TEMPORARY SIGNAL DETAILS
 SEE SHEETS 149- 167

- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
 - PORTABLE CONCRETE BARRIER
 - DRUMS
 - IMPACT ATTENUATOR
 - TYPE III BARRICADE
 - SIGN POST
 - DIRECTION OF EXISTING TRAFFIC
 - DIRECTION OF PROPOSED TRAFFIC
 - WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW



**MAINTENANCE OF TRAFFIC
 STAGE 1 PHASE 2 STEP 2 SR 46**

DESIGN AGENCY

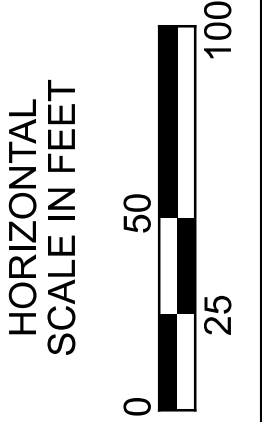
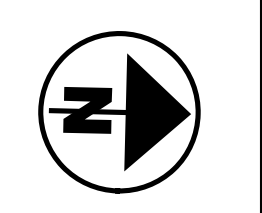
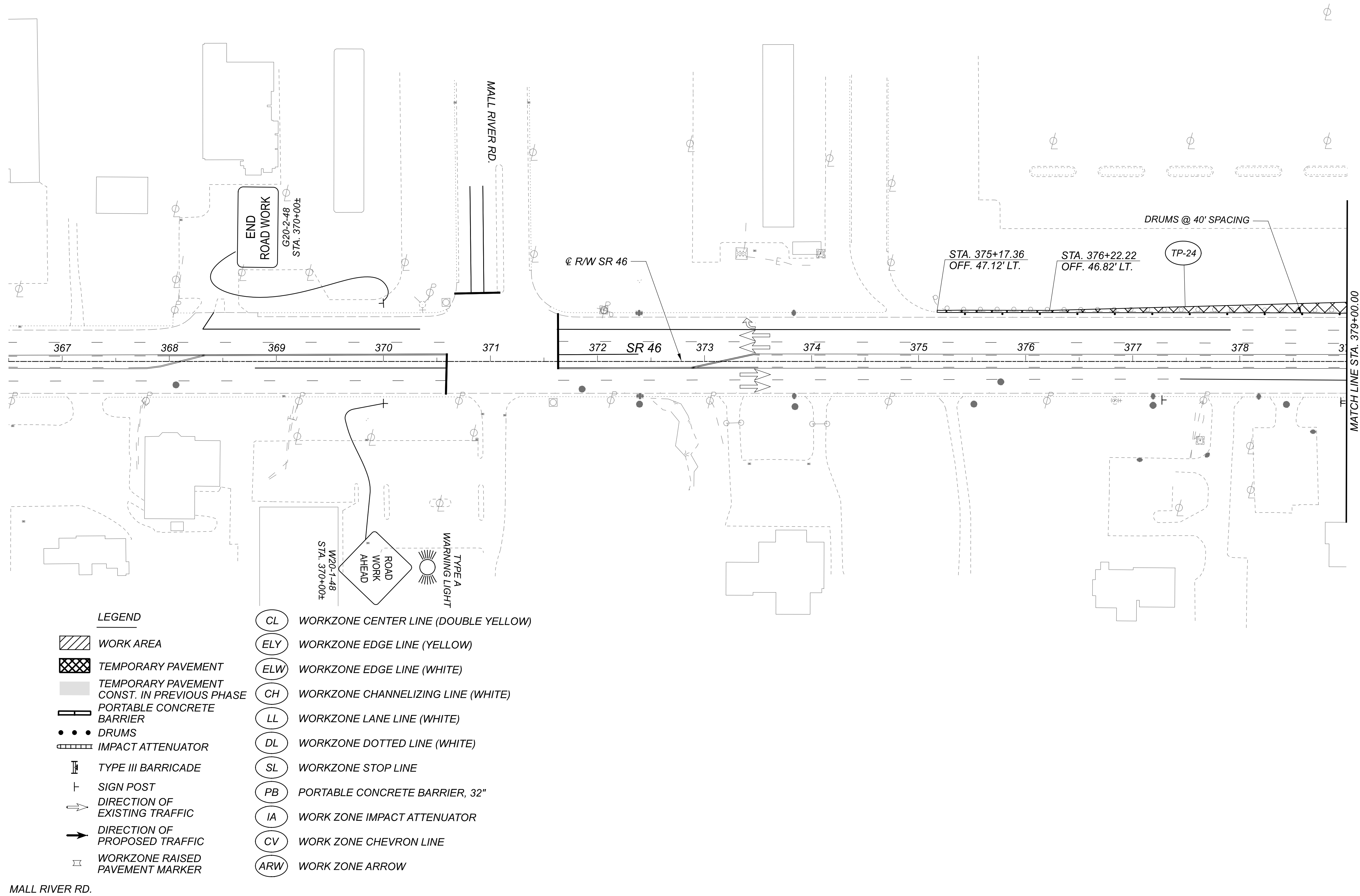


DESIGNER
REM

REVIEWER
KF 08/19/21

PROJECT ID
108547

SHEET	TOTAL
117	704



**MAINTENANCE OF TRAFFIC
STAGE 2 PREPHASE SR 46**

DESIGN AGENCY

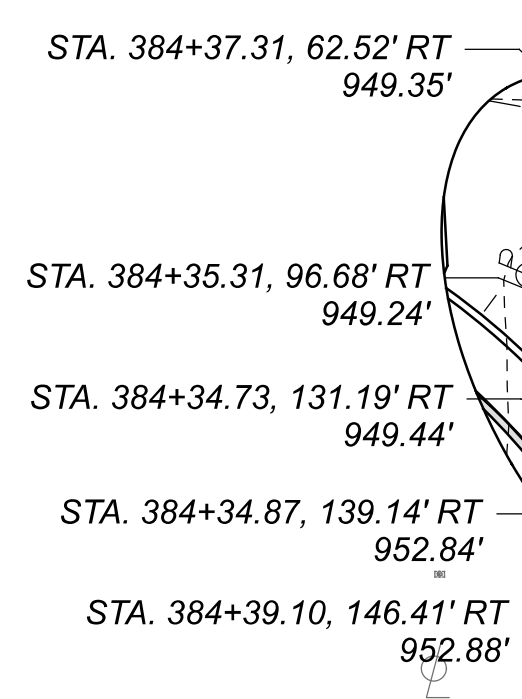
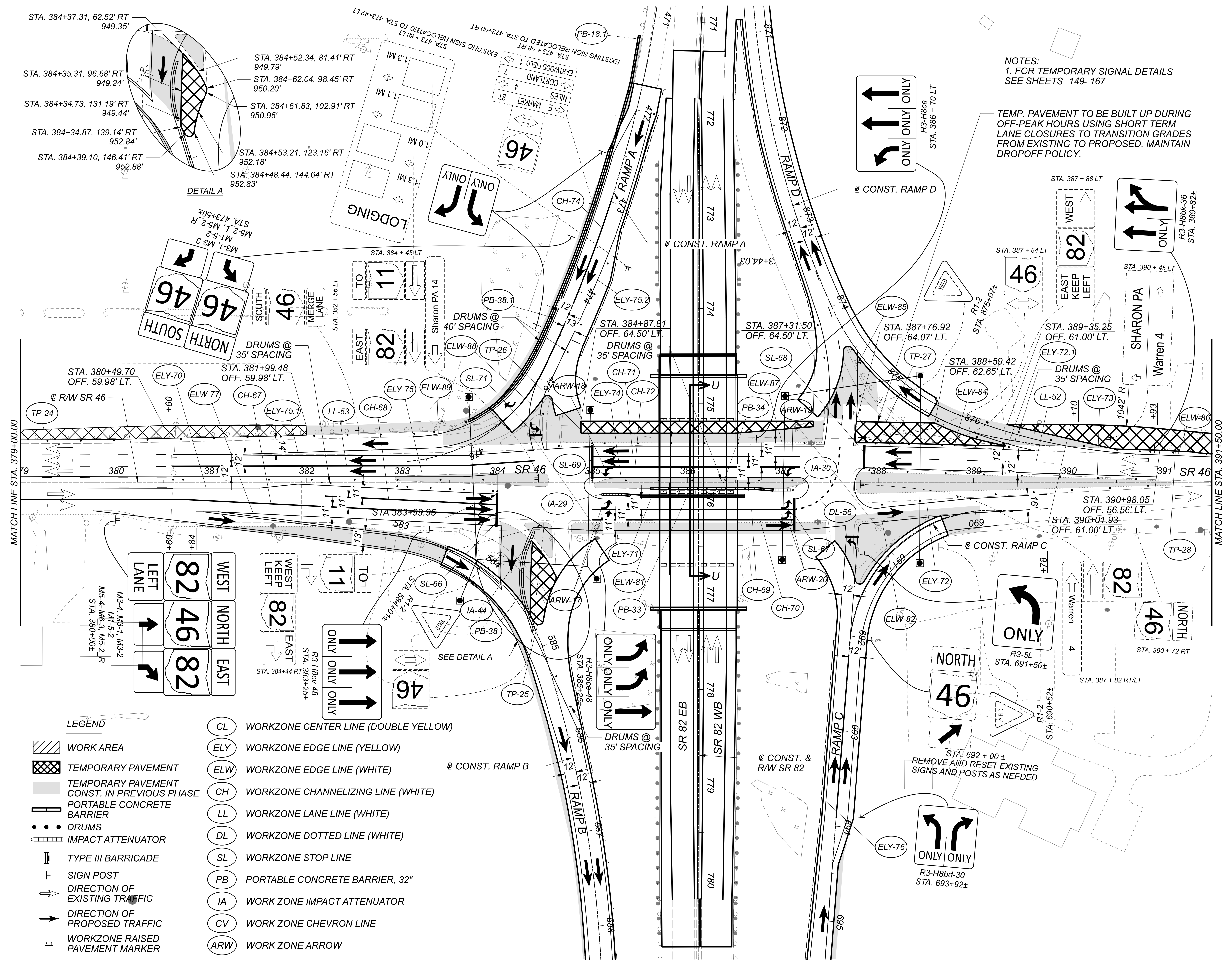


DESIGNER
REM

REVIEWER
KF 08/19/21

PROJECT ID
108547

SHEET	TOTAL
119	704



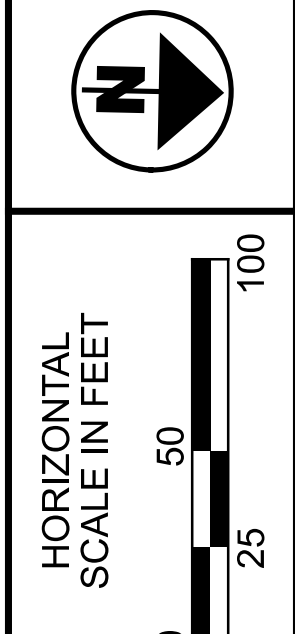
DETAIL A

- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
 - PORTABLE CONCRETE BARRIER
 - DRUMS
 - IMPACT ATTENUATOR
 - TYPE III BARRICADE
 - SIGN POST
 - DIRECTION OF EXISTING TRAFFIC
 - DIRECTION OF PROPOSED TRAFFIC
 - WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW

NOTES:
1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149- 167

TEMP. PAVEMENT TO BE BUILT UP DURING OFF-PEAK HOURS USING SHORT TERM LANE CLOSURES TO TRANSITION GRADES FROM EXISTING TO PROPOSED. MAINTAIN DROPOFF POLICY.



MAINTENANCE OF TRAFFIC
STAGE 2 PREPHASE SR 46

DESIGN AGENCY

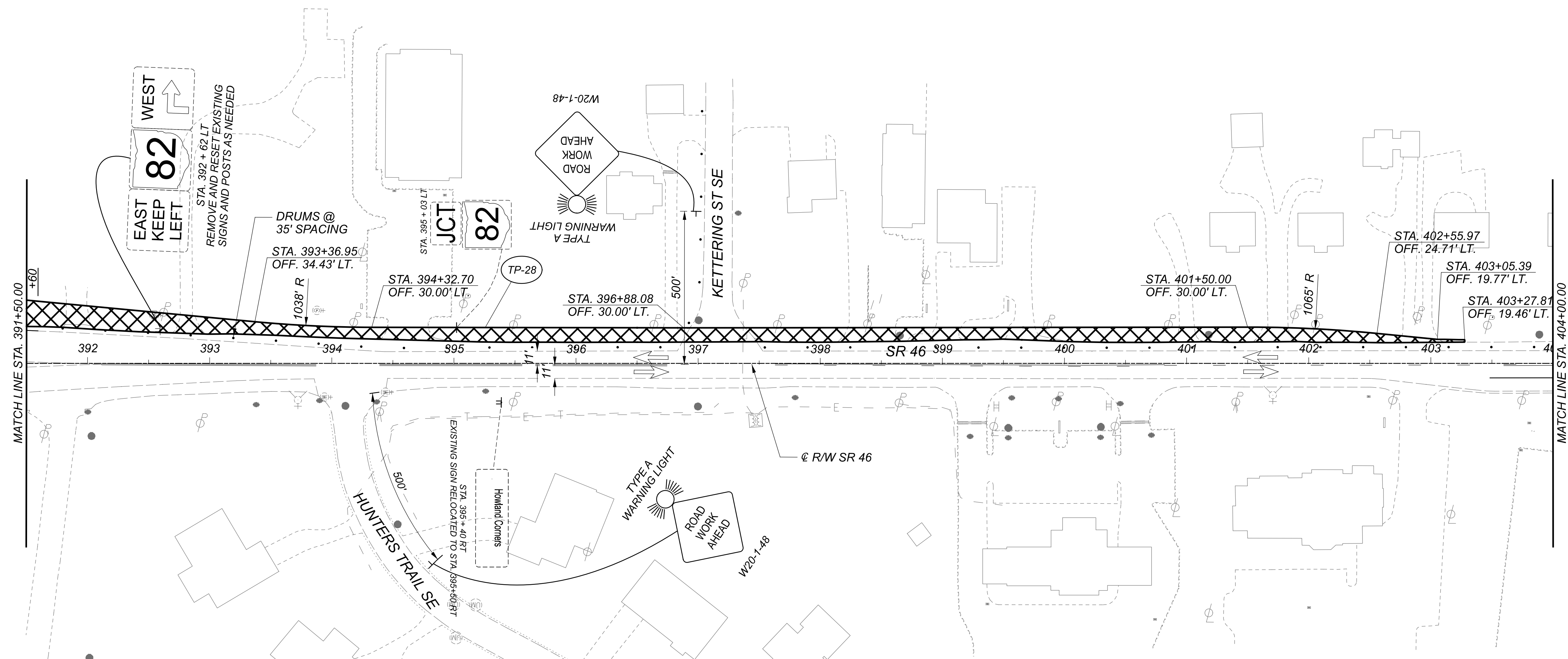


DESIGNER
REM

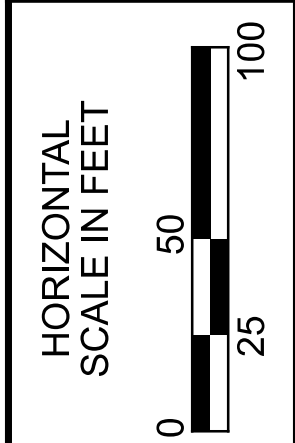
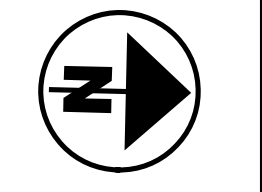
REVIEWER
KF 08/19/21

PROJECT ID
108547

SHEET TOTAL
120 704

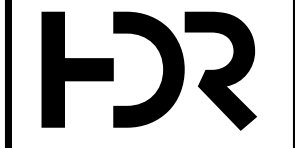


LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW)
	WORKZONE EDGE LINE (WHITE)
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW

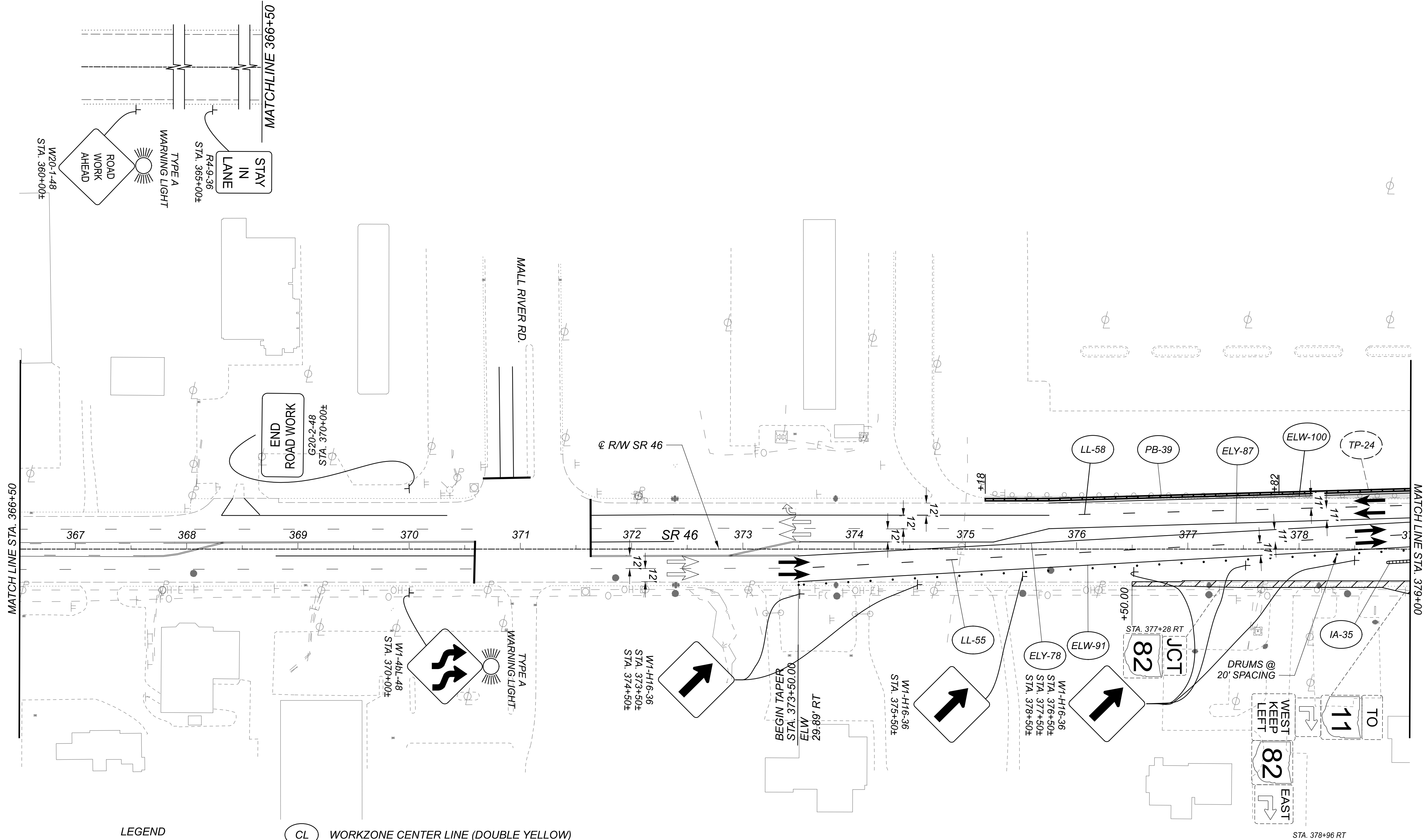


MAINTENANCE OF TRAFFIC
 STAGE 2 PREPHASE SR 46

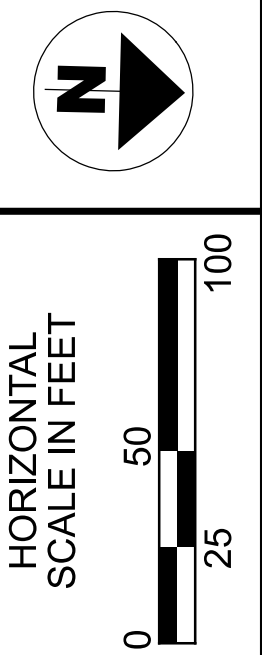
DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
121	704



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW)
	WORKZONE EDGE LINE (WHITE)
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW



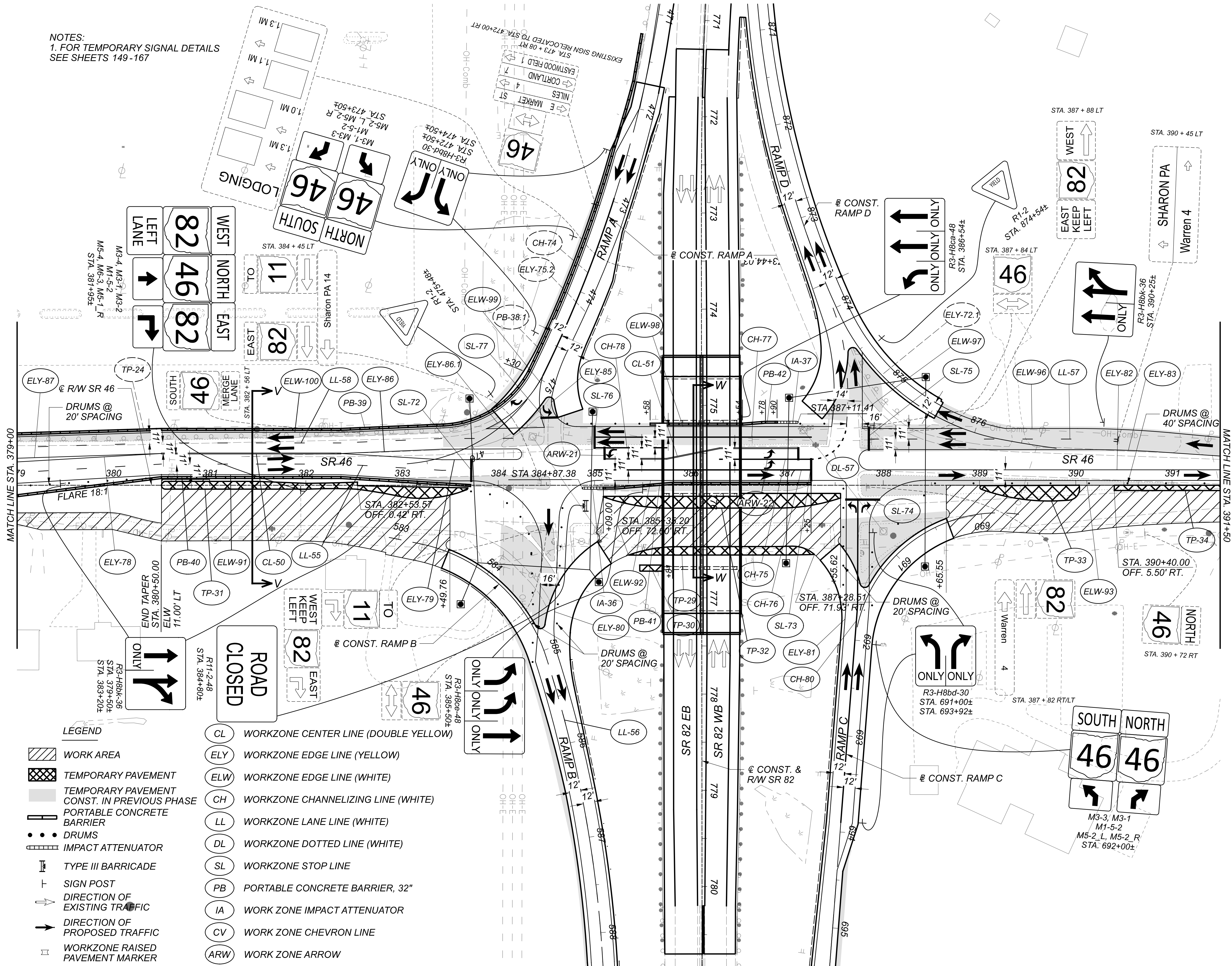
MAINTENANCE OF TRAFFIC
 STAGE 2 PHASE 1 SR 46

DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
123	704

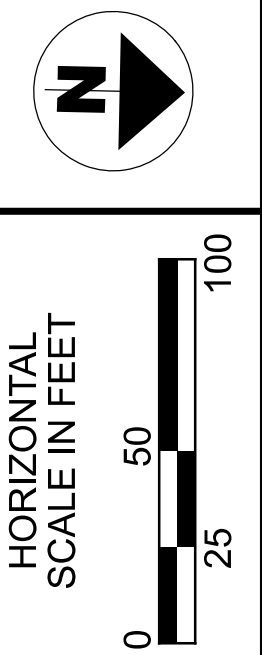
NOTES:
1. FOR TEMPORARY SIGNAL DETAILS
SEE SHEETS 149-167



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
- PORTABLE CONCRETE BARRIER
- DRUMS
- IMPACT ATTENUATOR
- TYPE III BARRICADE
- SIGN POST
- DIRECTION OF EXISTING TRAFFIC
- DIRECTION OF PROPOSED TRAFFIC
- WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW

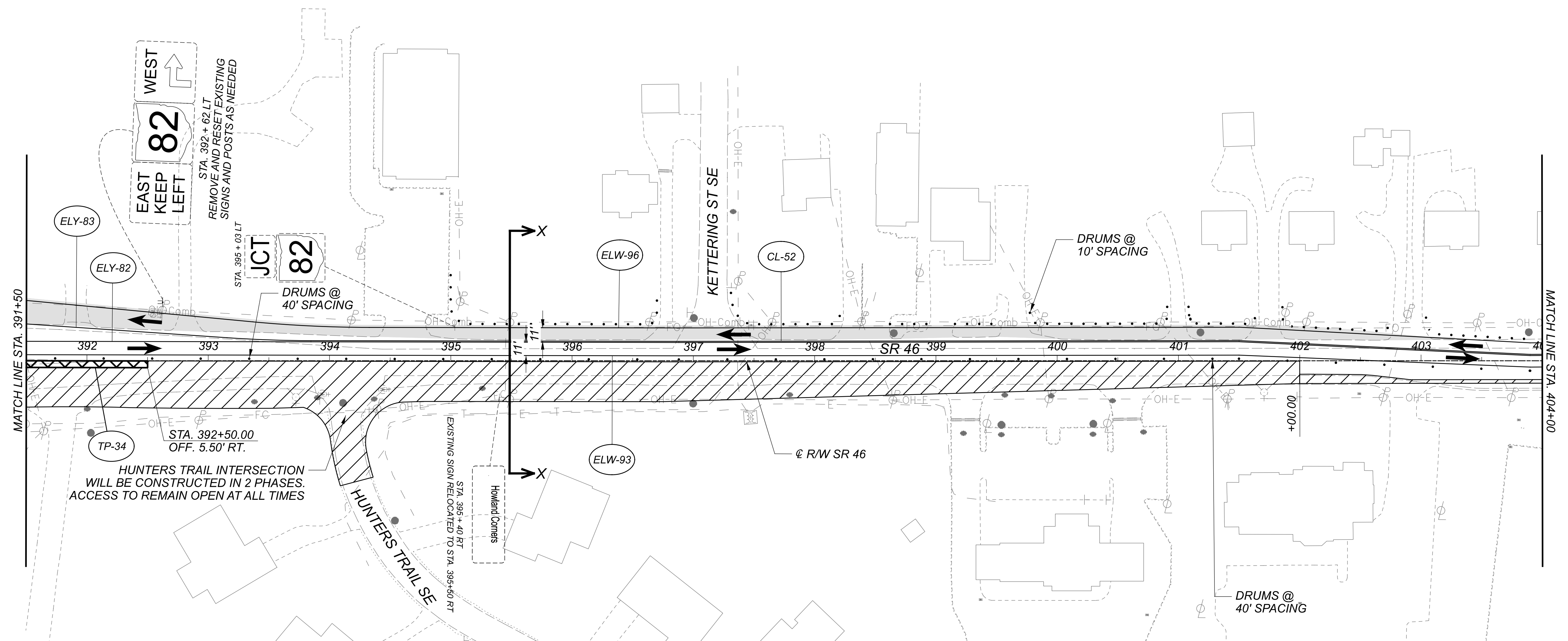


MAINTENANCE OF TRAFFIC
STAGE 2 PHASE 1 SR 46

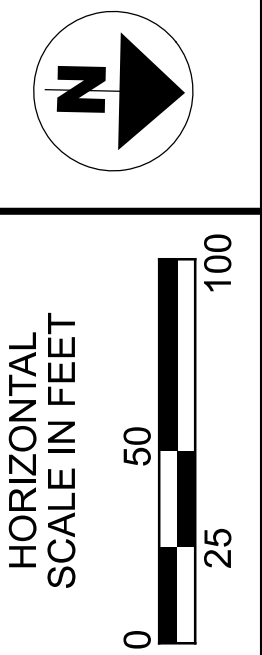
DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF
PROJECT ID	108547
SHEET	124
TOTAL	704

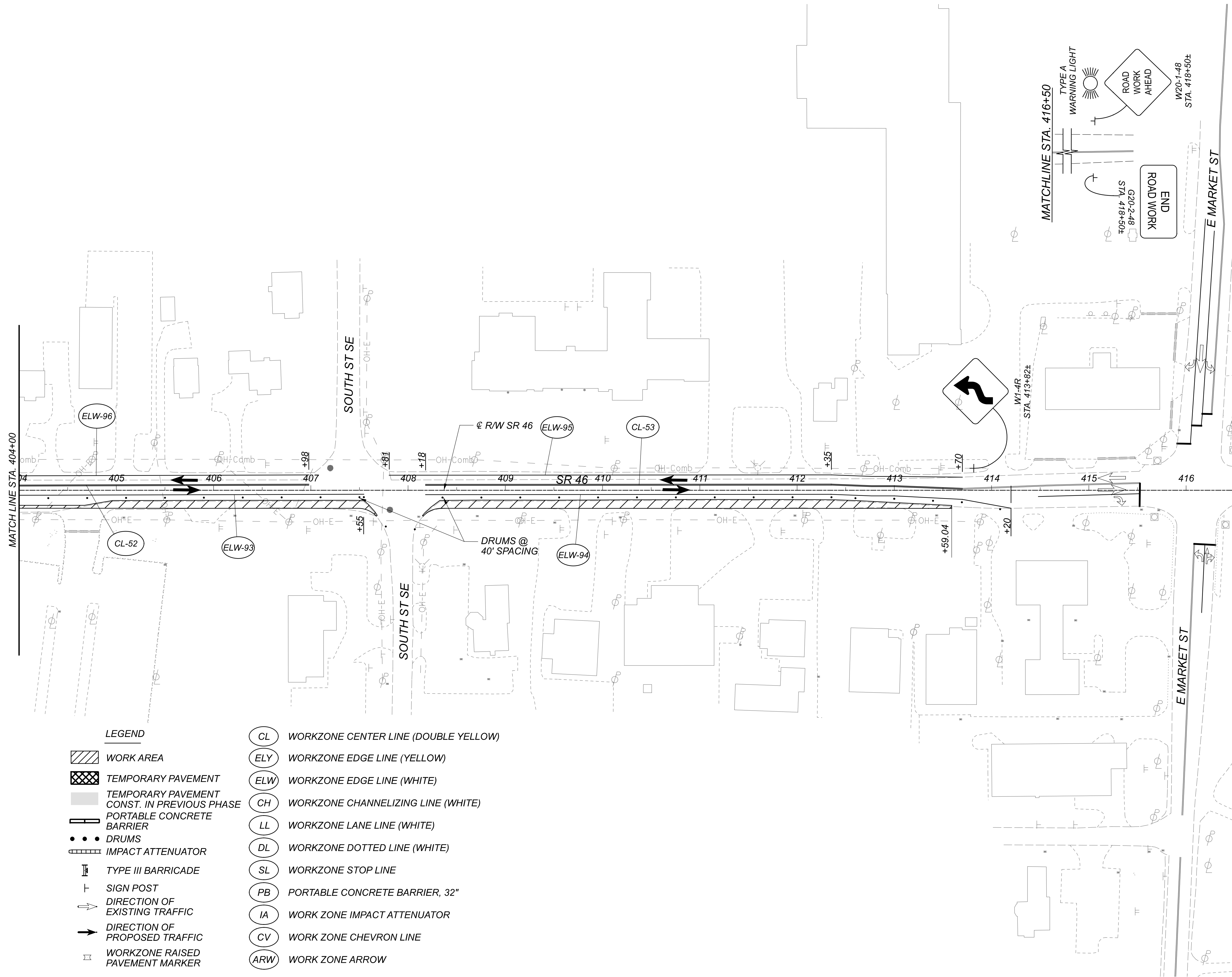


- LEGEND**
- WORK AREA
 - TEMPORARY PAVEMENT
 - TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
 - PORTABLE CONCRETE BARRIER
 - DRUMS
 - IMPACT ATTENUATOR
 - TYPE III BARRICADE
 - SIGN POST
 - DIRECTION OF EXISTING TRAFFIC
 - DIRECTION OF PROPOSED TRAFFIC
 - WORKZONE RAISED PAVEMENT MARKER
 - CL WORKZONE CENTER LINE (DOUBLE YELLOW)
 - ELY WORKZONE EDGE LINE (YELLOW)
 - ELW WORKZONE EDGE LINE (WHITE)
 - CH WORKZONE CHANNELIZING LINE (WHITE)
 - LL WORKZONE LANE LINE (WHITE)
 - DL WORKZONE DOTTED LINE (WHITE)
 - SL WORKZONE STOP LINE
 - PB PORTABLE CONCRETE BARRIER, 32"
 - IA WORK ZONE IMPACT ATTENUATOR
 - CV WORK ZONE CHEVRON LINE
 - ARW WORK ZONE ARROW

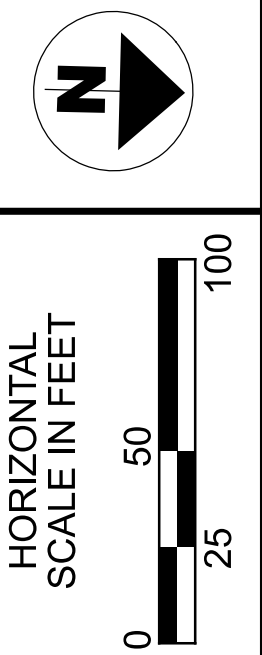


**MAINTENANCE OF TRAFFIC
 STAGE 2 PHASE 1 SR 46**

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
125	704



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW)
	WORKZONE EDGE LINE (WHITE)
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW



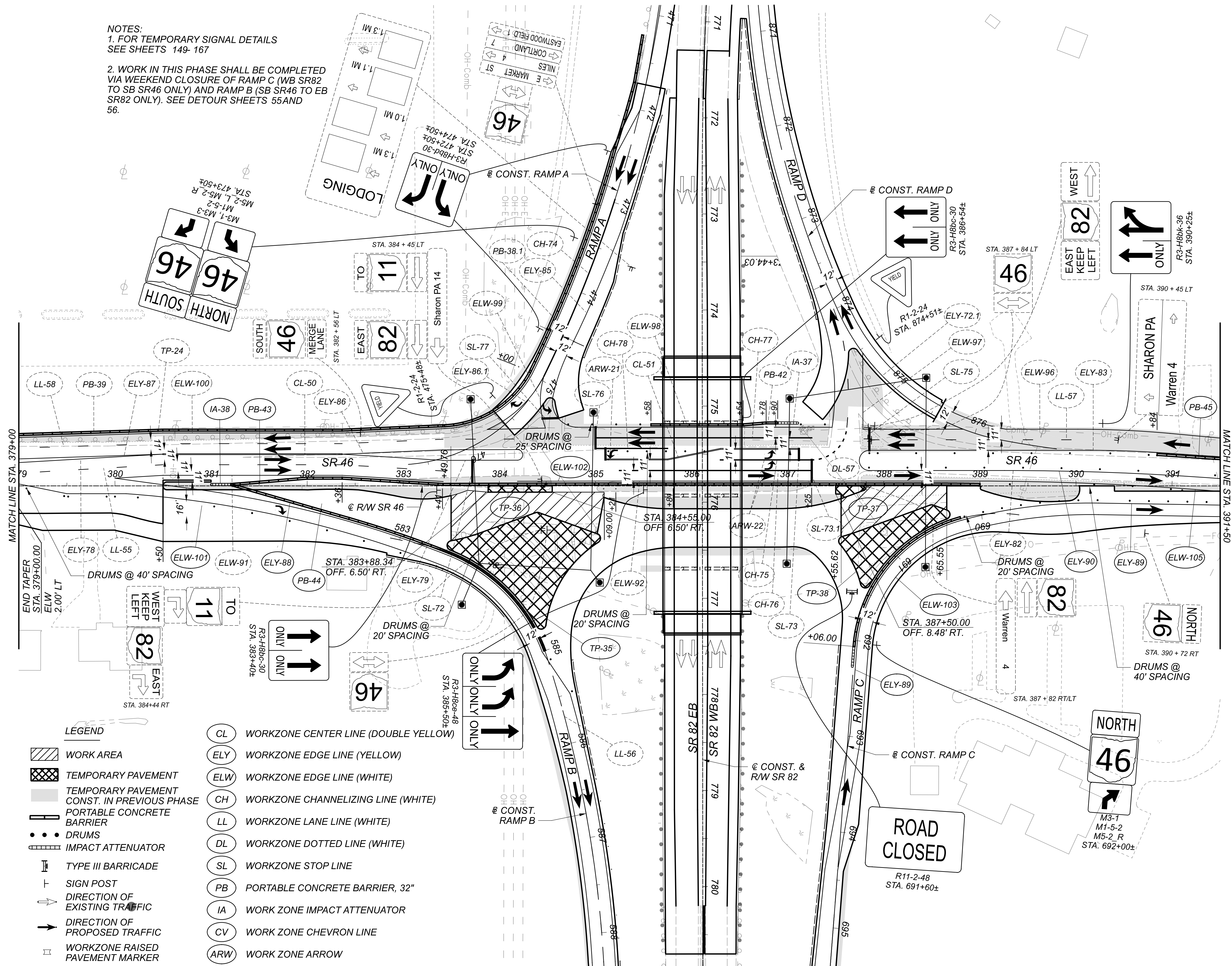
MAINTENANCE OF TRAFFIC
 STAGE 2 PHASE 1 SR 46

DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
126	704

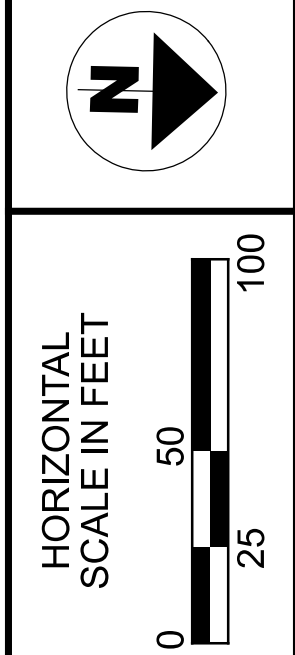
NOTES:
1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149- 167
2. WORK IN THIS PHASE SHALL BE COMPLETED VIA WEEKEND CLOSURE OF RAMP C (WB SR82 TO SB SR46 ONLY) AND RAMP B (SB SR46 TO EB SR82 ONLY). SEE DETOUR SHEETS 55AND 56.



LEGEND

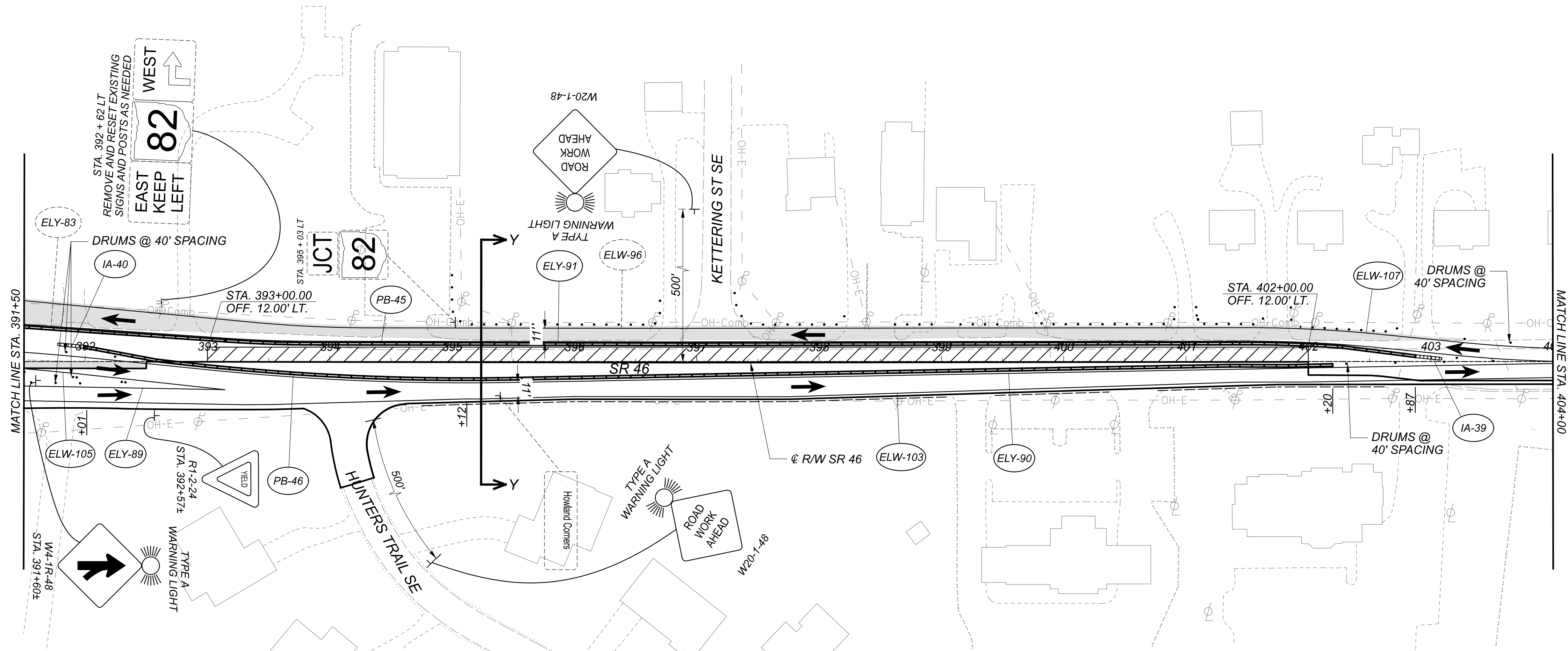
- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
- PORTABLE CONCRETE BARRIER
- DRUMS
- IMPACT ATTENUATOR
- TYPE III BARRICADE
- SIGN POST
- DIRECTION OF EXISTING TRAFFIC
- DIRECTION OF PROPOSED TRAFFIC
- WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW

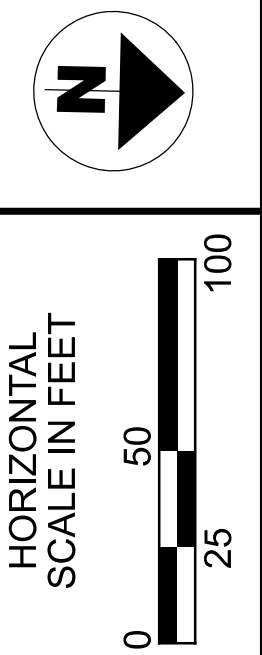


MAINTENANCE OF TRAFFIC
STAGE 2 PHASE 1 STEP 1 SR 46

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
128	704

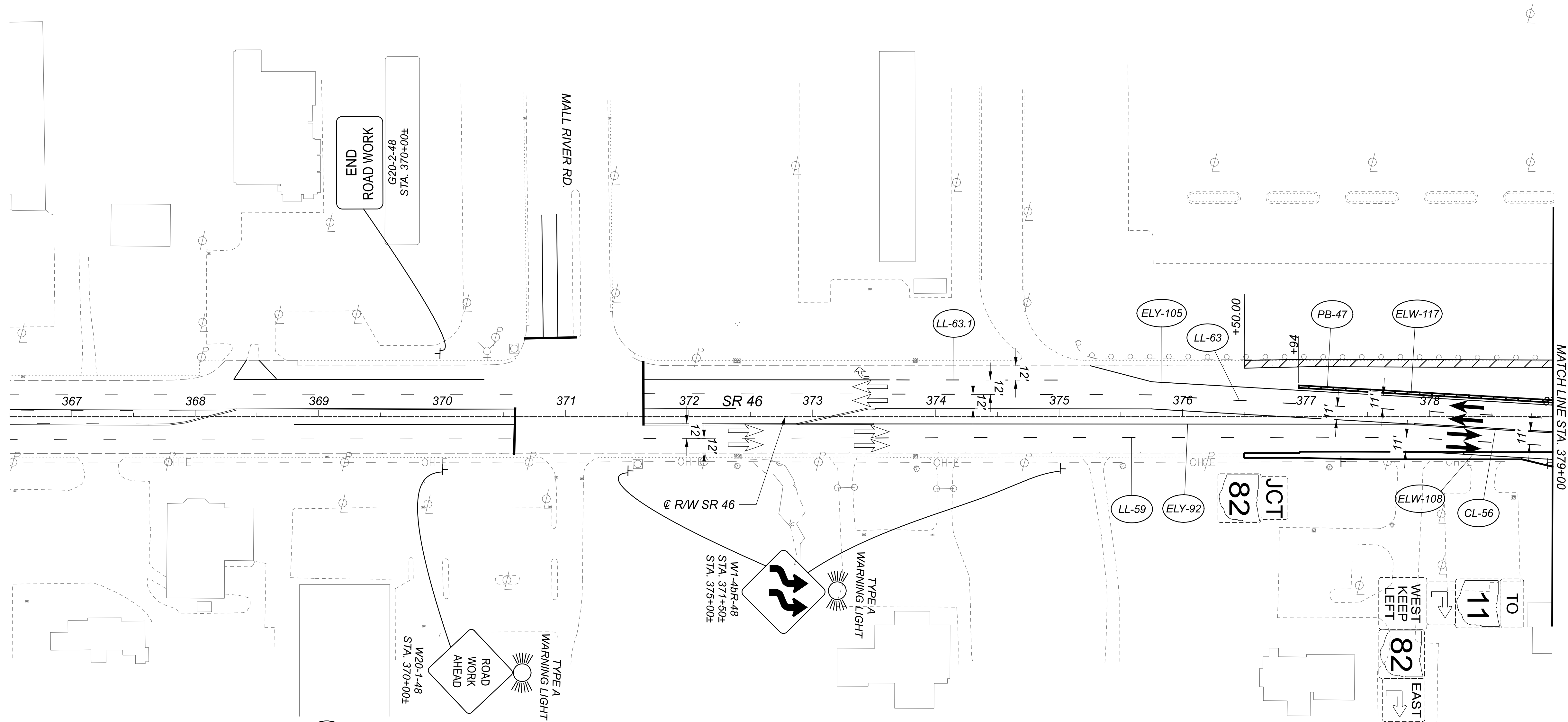


LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW)
	WORKZONE EDGE LINE (WHITE)
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW

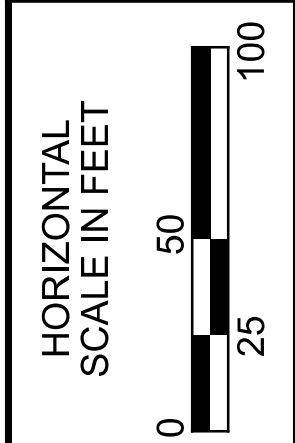
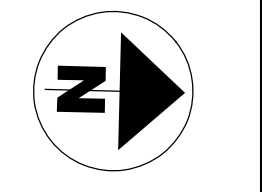


MAINTENANCE OF TRAFFIC
 STAGE 2 PHASE 1 STEP 1 SR 46

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
129	704



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	CL WORKZONE CENTER LINE (DOUBLE YELLOW)
	ELY WORKZONE EDGE LINE (YELLOW)
	ELW WORKZONE EDGE LINE (WHITE)
	CH WORKZONE CHANNELIZING LINE (WHITE)
	LL WORKZONE LANE LINE (WHITE)
	DL WORKZONE DOTTED LINE (WHITE)
	SL WORKZONE STOP LINE
	PB PORTABLE CONCRETE BARRIER, 32"
	IA WORK ZONE IMPACT ATTENUATOR
	CV WORK ZONE CHEVRON LINE
	ARW WORK ZONE ARROW



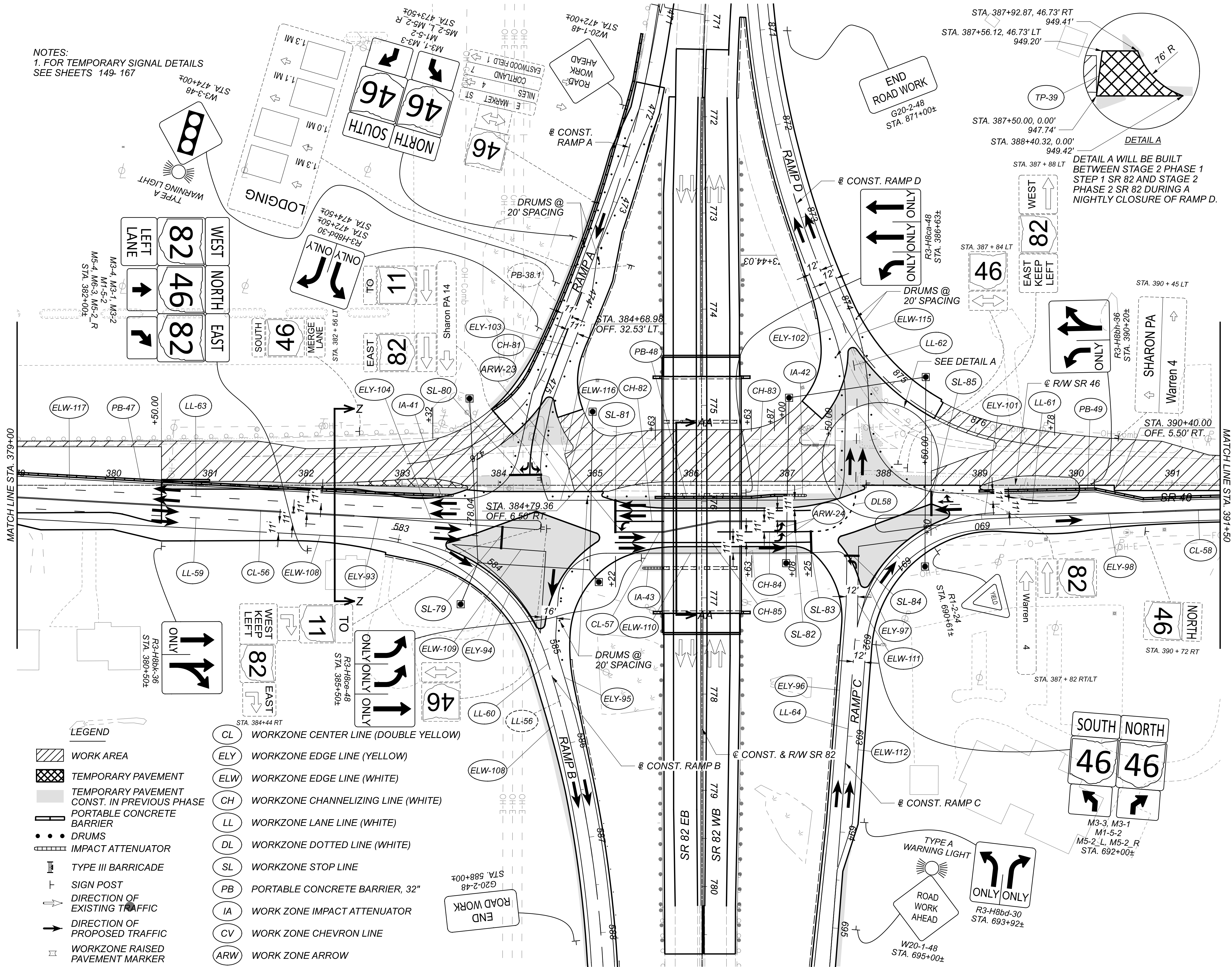
MAINTENANCE OF TRAFFIC
 STAGE 2 PHASE 2 SR 46

DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
131	704

NOTES:
1. FOR TEMPORARY SIGNAL DETAILS
SEE SHEETS 149-167

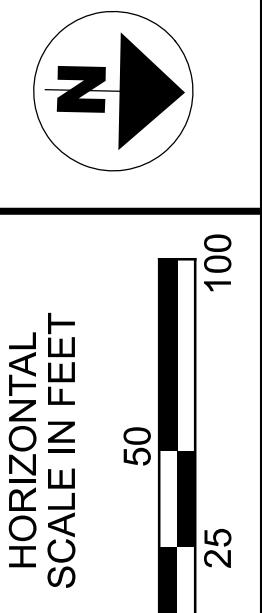


LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
- PORTABLE CONCRETE BARRIER
- DRUMS
- IMPACT ATTENUATOR
- TYPE III BARRICADE
- SIGN POST
- DIRECTION OF EXISTING TRAFFIC
- DIRECTION OF PROPOSED TRAFFIC
- WORKZONE RAISED PAVEMENT MARKER

- CL WORKZONE CENTER LINE (DOUBLE YELLOW)
- ELY WORKZONE EDGE LINE (YELLOW)
- ELW WORKZONE EDGE LINE (WHITE)
- CH WORKZONE CHANNELIZING LINE (WHITE)
- LL WORKZONE LANE LINE (WHITE)
- DL WORKZONE DOTTED LINE (WHITE)
- SL WORKZONE STOP LINE
- PB PORTABLE CONCRETE BARRIER, 32"
- IA WORK ZONE IMPACT ATTENUATOR
- CV WORK ZONE CHEVRON LINE
- ARW WORK ZONE ARROW

DETAIL A
DETAIL A WILL BE BUILT BETWEEN STAGE 2 PHASE 1 STEP 1 SR 82 AND STAGE 2 PHASE 2 SR 82 DURING A NIGHTLY CLOSURE OF RAMP D.

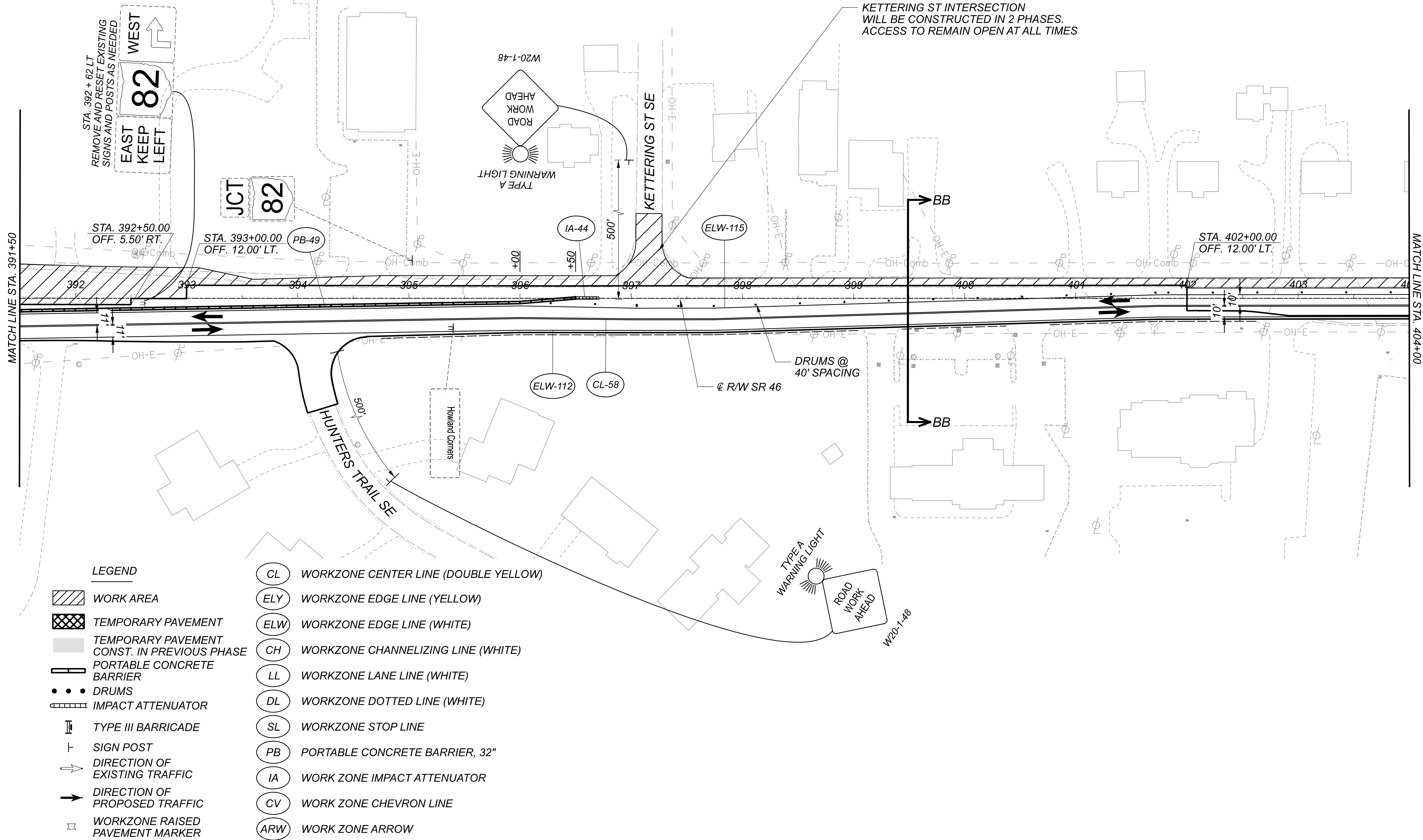


MAINTENANCE OF TRAFFIC
STAGE 2 PHASE 2 SR 46

DESIGN AGENCY

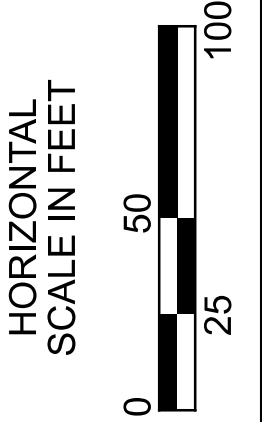
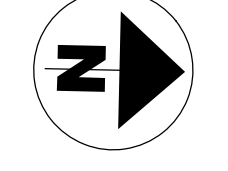


DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
132	704



LEGEND

	WORK AREA		WORKZONE CENTER LINE (DOUBLE YELLOW)
	TEMPORARY PAVEMENT		WORKZONE EDGE LINE (YELLOW)
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE		WORKZONE EDGE LINE (WHITE)
	PORTABLE CONCRETE BARRIER		WORKZONE CHANNELIZING LINE (WHITE)
	DRUMS		WORKZONE LANE LINE (WHITE)
	IMPACT ATTENUATOR		WORKZONE DOTTED LINE (WHITE)
	TYPE III BARRICADE		WORKZONE STOP LINE
	SIGN POST		PORTABLE CONCRETE BARRIER, 32"
	DIRECTION OF EXISTING TRAFFIC		WORK ZONE IMPACT ATTENUATOR
	DIRECTION OF PROPOSED TRAFFIC		WORK ZONE CHEVRON LINE
	WORKZONE RAISED PAVEMENT MARKER		WORK ZONE ARROW

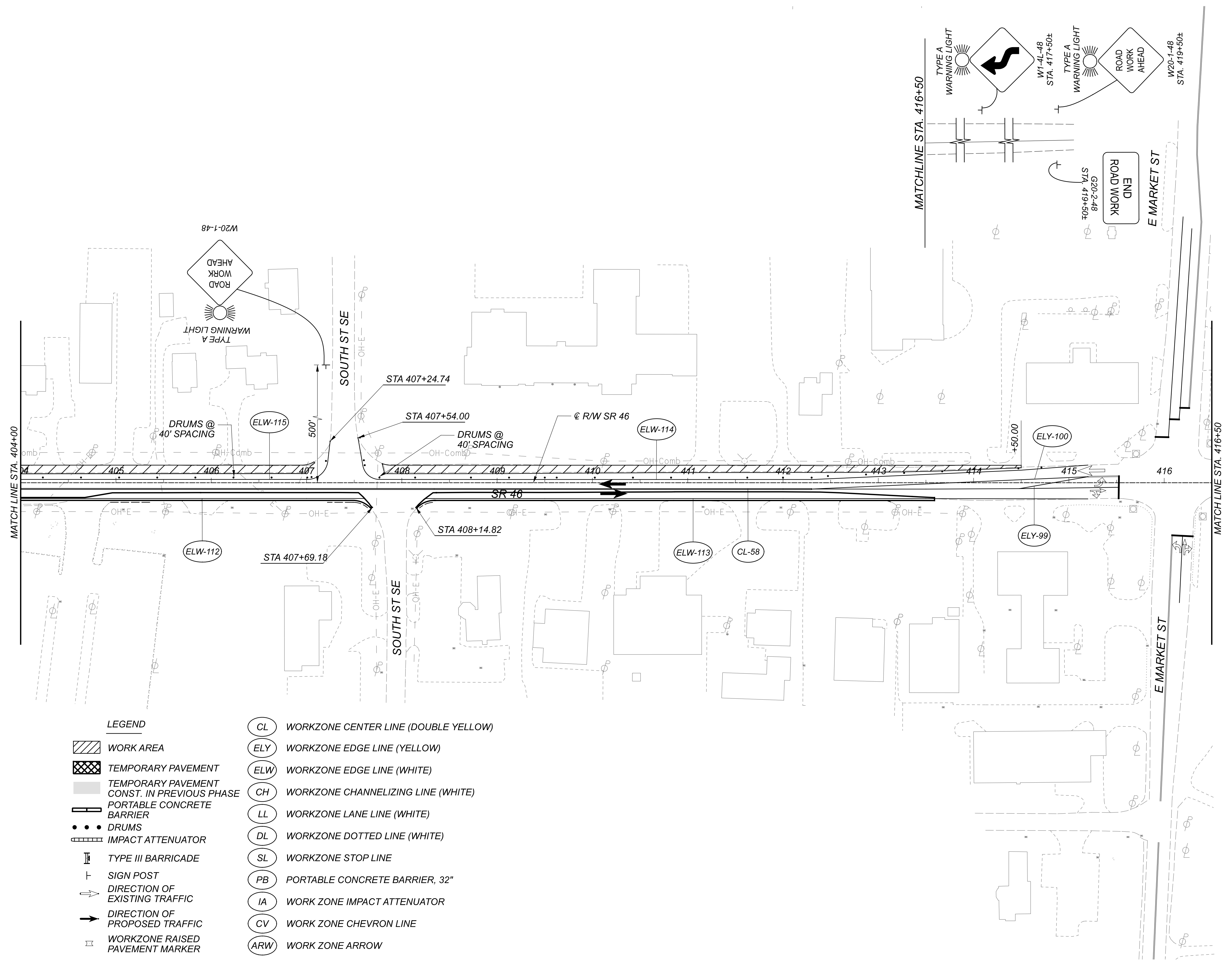


**MAINTENANCE OF TRAFFIC
 STAGE 2 PHASE 2 SR 46**

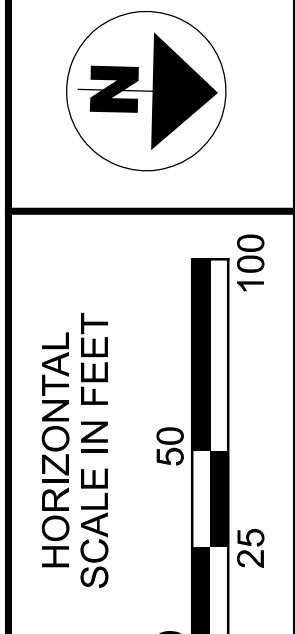
DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
133	704



LEGEND	
	WORK AREA
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
	PORTABLE CONCRETE BARRIER
	DRUMS
	IMPACT ATTENUATOR
	TYPE III BARRICADE
	SIGN POST
	DIRECTION OF EXISTING TRAFFIC
	DIRECTION OF PROPOSED TRAFFIC
	WORKZONE RAISED PAVEMENT MARKER
	WORKZONE CENTER LINE (DOUBLE YELLOW)
	WORKZONE EDGE LINE (YELLOW)
	WORKZONE EDGE LINE (WHITE)
	WORKZONE CHANNELIZING LINE (WHITE)
	WORKZONE LANE LINE (WHITE)
	WORKZONE DOTTED LINE (WHITE)
	WORKZONE STOP LINE
	PORTABLE CONCRETE BARRIER, 32"
	WORK ZONE IMPACT ATTENUATOR
	WORK ZONE CHEVRON LINE
	WORK ZONE ARROW



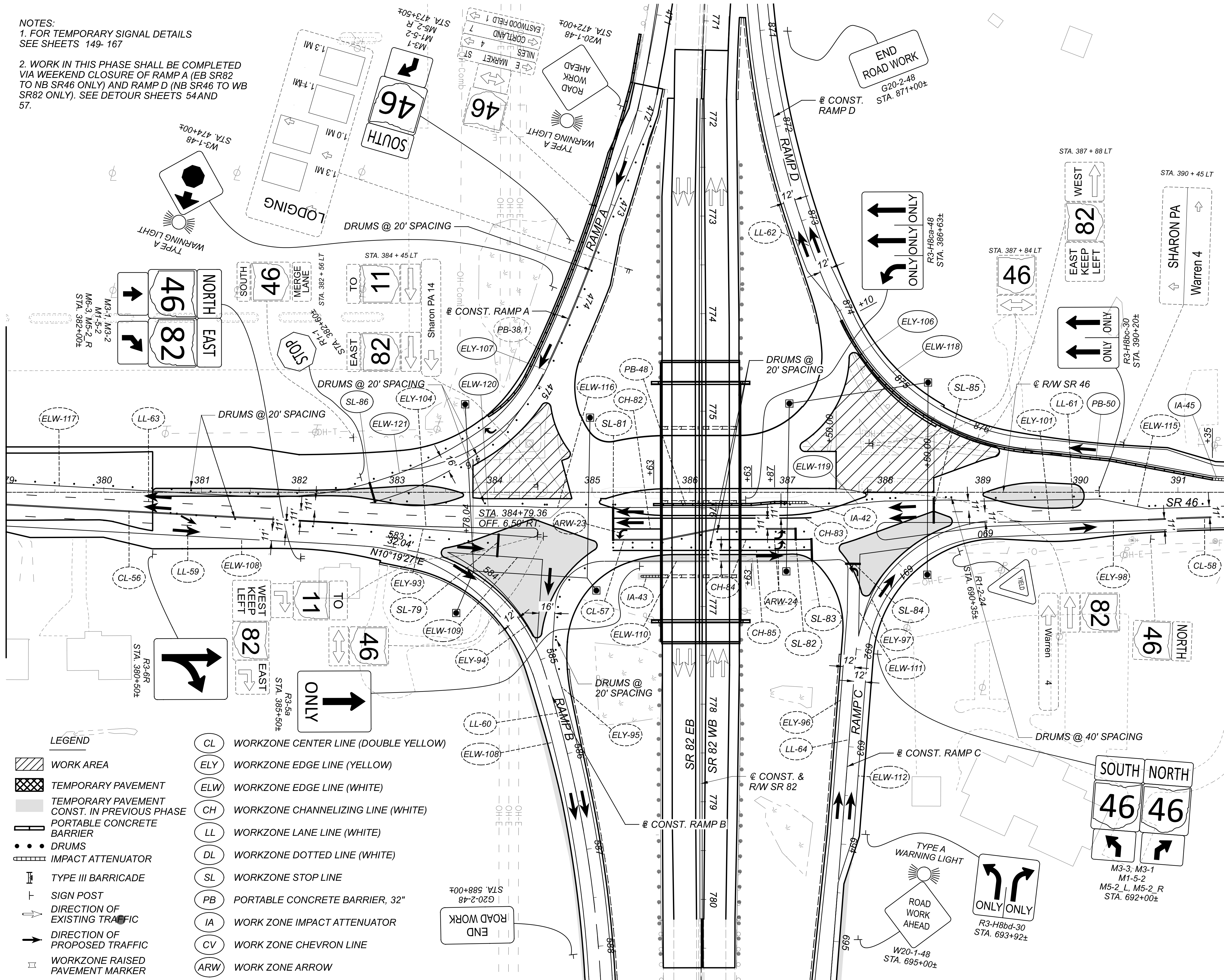
MAINTENANCE OF TRAFFIC
 STAGE 2 PHASE 2 SR 46

DESIGN AGENCY



DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
134	704

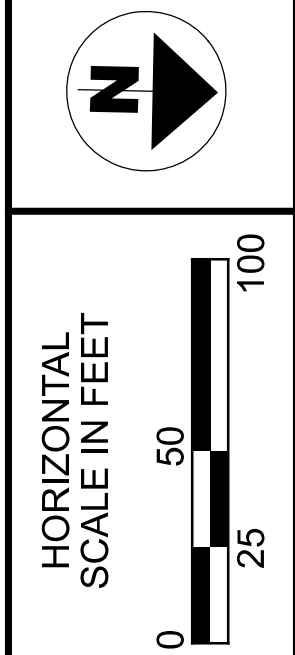
NOTES:
1. FOR TEMPORARY SIGNAL DETAILS SEE SHEETS 149-167
2. WORK IN THIS PHASE SHALL BE COMPLETED VIA WEEKEND CLOSURE OF RAMP A (EB SR82 TO NB SR46 ONLY) AND RAMP D (NB SR46 TO WB SR82 ONLY). SEE DETOUR SHEETS 54 AND 57.



LEGEND

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONST. IN PREVIOUS PHASE
- PORTABLE CONCRETE BARRIER
- DRUMS
- IMPACT ATTENUATOR
- TYPE III BARRICADE
- SIGN POST
- DIRECTION OF EXISTING TRAFFIC
- DIRECTION OF PROPOSED TRAFFIC
- WORKZONE RAISED PAVEMENT MARKER

- WORKZONE CENTER LINE (DOUBLE YELLOW)
- WORKZONE EDGE LINE (YELLOW)
- WORKZONE EDGE LINE (WHITE)
- WORKZONE CHANNELIZING LINE (WHITE)
- WORKZONE LANE LINE (WHITE)
- WORKZONE DOTTED LINE (WHITE)
- WORKZONE STOP LINE
- PORTABLE CONCRETE BARRIER, 32"
- WORK ZONE IMPACT ATTENUATOR
- WORK ZONE CHEVRON LINE
- WORK ZONE ARROW



MAINTENANCE OF TRAFFIC
STAGE 2 PHASE 2 STEP 1 SR 46

DESIGN AGENCY	
DESIGNER	REM
REVIEWER	KF 08/19/21
PROJECT ID	108547
SHEET	TOTAL
136	704