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ITEM 614 - MAINTAINING TRAFFIC

CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY ODOT PERSONNEL. THE PROJECT ENGINEER SHALL APPROVE ALL TEMPORARY TRAFFIC CONTROL DEVICES FOR CONDITION AND LOCATION BEFORE THE CONTRACTOR WILL BE ALLOWED TO BEGIN WORK. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS, HIS PERMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED.

ALL SIGNS, BARRACADES, SIGN SUPPORTS, DRUMS, FLAGGERS, WORK ZONE TRAFFIC SIGNALS AND INCIDENTALS FOR TRAFFIC CONTROL SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN CONFORMANCE WITH THE MOST RECENT REVISIONS, CURRENT EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (OMUTCD). ALL SIGNS USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE NEW OR LIKE NEW CONDITION SUBJECT TO THE APPROVAL OF THE ENGINEER. DEVICES USED TO MAINTAIN TRAFFIC SHALL BE REMOVED IMMEDIATELY AFTER THE TERMINATION OF SAID WORK. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC.

FOR WORK WHICH IS CONFINED TO THE SHOULDER, TRAFFIC CONTROL SHALL CONFORM TO FIGURES TA-1, TA-3, TA-4, AND TA-6 OF THE OMUTCD AND SCD MT-95.45. IF THE CONTRACTOR FAILS TO COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AS SET FORTH IN THESE PLANS AND PROVISIONS OF THE OMUTCD AND FAILURE RESULTS IN A CONDITION AT THE WORK SITE WHICH IS UNSAFE FOR TRAFFIC, THE ENGINEER HAS THE AUTHORITY TO SUSPEND WORK UNTIL THE CONTRACTOR COMPLIES WITH THE NECESSARY REQUIREMENTS.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK ON PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC, UNLESS SEPERATELY ITEMIZED IN THE PLAN.

THE FOLLOWING NOTES ARE APPLICABLE TO CITY STREETS ONLY:

ALL TEMPORARY TRAFFIC CONTROL DEVICES (TTC) SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) FOR CONSTRUCTION AND MAINTENANCE OPERATIONS (LATEST EDITION). COPIES ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, 1980 WEST BROAD STREET, COLUMBUS OHIO 43223.

CONSTRUCTION OPERATIONS SHALL NOT BEGIN UNTIL ALL TRAFFIC CONTROL IS IN PLACE AND APPROVED BY THE ODOT INSPECTOR. IF THE CONTRACTOR DOES NOT COMPLY WITH THE STANDARDS, INCLUDING THE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND THE REMOVAL OF CONFLICTING TRAFFIC CONTROLS, THEIR PERMIT SHALL BE REVOKED AND ALL WORK SHALL BE TERMINATED.

A FLASHING ARROW PANEL (48" X 96"-TYPE C) SHALL BE USED IN LANE CLOSURES AS PER THE OHIO MANUAL.

ALL TRENCHES WITHIN THE ROAD RIGHT-OF-WAY SHALL BE BACKFILLED DURING NON-WORKING HOURS.

ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

THE DIVISION OF TRAFFIC MANAGEMENT SHALL LOCATE AND MARK ALL UNDERGROUND TRAFFIC CONTROL CABLES. THE TRAFFIC ENGINEERING GROUP SHALL BE NOTIFIED (614-645-7393; FAX 614-645-5967) AT LEAST TWO WORKING DAYS PRIOR TO THE BEGINNING OF ANY WORK WITHIN 450 FEET OF ANY SIGNALIZED INTERSECTION OR WITHIN ANY POSTED AREA WHERE THE DIVISION HAS UNDER-GROUND CABLE. THE SIGNALS MANAGEMENT PERSONNEL (614-645-0423; CELL 614-419-4501) SHALL BE NOTIFIED SIX WEEKS IN ADVANCE FOR SIGNAL REVISIONS OR POLE RELOCATIONS.

ITEM 614 - MAINTAINING TRAFFIC (CONT'D)

NO EXCAVATION SHALL BE MADE WITHIN FIVE (5) FEET OF ANY POLE THAT SUPPORTS TRAFFIC SIGNAL DISPLAYS OR SIGNS BY MAST ARM OR SIGNAL SPAN. EXCAVATION WITHIN EIGHT (8) FEET, BUT MORE THAN FIVE (5) FEET SHALL REQUIRE ADDITIONAL SUPPORT (DOWN GUY, HEAD GUY, BASE GUY ETC.). THE CONTRACTOR SHALL CONTACT DIVISION OF TRAFFIC MANAGEMENT SIGNALS MANAGEMENT PERSONNEL AT 614-645-0423 AT LEAST 48 HOURS (EXCLUDING SATURDAY AND SUNDAY) PRIOR TO THE BEGINNING OF SUCH EXCAVATION, SO THAT THE CITY CAN APPROVE THE STABILIZATION SETUP BY THE CONTRACTOR. STABILIZATION WILL BE DONE BY THE CONTRACTOR AT THE OWNER'S/CONTRACTING AGENCY'S EXPENSE.

WHEN ANY TRAFFIC CONTROL DEVICE, CONDUIT, OR CABLE GETS DAMAGED, THE CONTRACTOR SHALL NOTIFY CITY SIGNALS MANAGEMENT PERSONNEL AT 614-645-7963 BETWEEN 8:00AM AND 4:30PM, MONDAY THROUGH FRIDAY. AT OTHER TIMES OR IF SIGNAL MANAGEMENT PERSONNEL CANNOT BE REACHED, CONTACT TRAFFIC ENGINEERING MAINTENANCE SHOP AT 614-645-7393. LEAVE A MESSAGE ON THE ANSWERING MACHINE IF NECESSARY.

THE ROADWAY SHALL NOT BE OPENED TO NON-CONSTRUCTION TRAFFIC UNTIL THE CRITICAL PERMANENT TRAFFIC CONTROLS ARE IN PLACE, OR UNTIL TEMPORARY TRAFFIC CONTROLS APPROVED BY THE ENGINEER, ARE INSTALLED. THE CRITICAL PERMANENT TRAFFIC CONTROLS ARE STOP, YIELD, ONE-WAY, DO NOT ENTER AND RESTRICTED TURN SIGNS. OTHER CRITICAL SIGNS MAY BE NOTED IN THE PLANS AS WELL. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROLS.

THE CONTRACTOR SHALL MAINTAIN ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS THROUGHOUT THIS PROJECT. PERMANENT TRAFFIC CONTROLS MAY BE TEMPORARILY RELOCATED OR COVERED, AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED OR IMPROPERLY PLACED SIGNS.

ALL OVERHEAD CABLE, DOWN GUYS OR BACK GUYS SHALL NOT BLOCK ANY PORTION OF A TRAFFIC SIGNAL, TRAFFIC CONTROL SIGN, OR OTHER TRAFFIC CONTROL DEVICE SUCH THAT VISIBILITY OR OPERATION OF THE TRAFFIC CONTROL DEVICE IS IMPAIRED.

ANY WORK PERFORMED BY THE CITY DIVISION OF TRAFFIC MANAGEMENT, INCLUDING INSTALLATION, RELOCATIONS, REMOVAL AND/OR REPLACEMENT OF TEMPORARY TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF NEGLIGENCE OF THE CONTRACTOR SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING CONSTRUCTION. PERMANENT TRAFFIC CONTROL NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REPLACED IMMEDIATELY.

PERMENENT STRIPING OR CLASS I WORK ZONE STRIPING SHALL BE INSTALLED NO LATER THAN FOURTEEN (14) CALENDAR DAYS AFTER THE FINAL PAVING COURSE IS COMPLETED. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE STRIPING CONTRACTOR TO INSURE THE PERMANENT STRIPING IS INSTALLED WITHIN THE FOURTEEN (14) CALENDAR DAY LIMIT.

IF ANY PORTABLE SIGN STANDS ARE LOCATED WITHIN A PEDESTRIAN TRAFFIC AREA DRUMS SHALL BE UTILIZED TO PROTECT AGAINST TRIP HAZARDS. A MINIMUM OF TWO DRUMS PER PORTABLE SIGN STAND SHALL BE USED.

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) MEMORIAL DAY FOURTH OF JULY (OBSERVED) LABOR DAY GENERAL/REGULAR ELECTION DAY (NOV) THANKSGIVING CHRISTMAS (OBSERVED) (OTHER HOLIDAY OR SPECIAL EVENT)

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

DAY OF HOLIDAY OR SPECIAL 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
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 (THANKSGIVING ONLY)	6:00 AM WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

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

NEWLY CONSTRUCTED LANE ADDITIONS, ONCE COMPLETED AND INITIALLY OPENED TO TRAFFIC, SHALL BE OPEN TO TRAFFIC DURING ALL SUBSEQUENT HOLIDAYS AND SPECIAL EVENTS, AND RELATED PERIODS OF TIME, SPECIFIED ABOVE.

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

NOTICE OF CLOSURE SIGN

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED ROAD OR RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW. AT THE APPROVAL OF THE ENGINEER, PORTABLE CHANGEABLE MESSAGE SIGNS MAY BE USED IN LIEU OF THE STANDARD FLATSHEET SIGN FOR CLOSURE DURATIONS OF LESS THAN 1 WEEK.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTIFICATION OF CLOSURE SIGN TIME TABLE		
ITEM	DURATION OF CLOSURE	SIGN DISPLAYED TO PUBLIC
RAMP AND ROAD CLOSURES	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS AND < 2 WEEKS	7 CALENDAR DAYS PRIOR TO CLOSURE
	<= 12 HOURS	2 BUSINESS DAYS PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

TRENCH FOR WIDENING

TRENCH EXCAVATION FOR BASE WIDENING SHALL BE ONLY ON ONE SIDE OF THE PAVEMENT AT A TIME. THE OPEN TRENCH SHALL BE ADEQUATELY MAINTAINED AND PROTECTED WITH DRUMS OR BARRICADES AT ALL TIMES. PLACEMENT OF PROPOSED SUBBASE AND BASE MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF WIDENING TRENCH WHICH IS OPEN AT ANY ONE TIME SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO APPROVAL OF THE ENGINEER.

OVERNIGHT TRENCH CLOSING

THE BASE WIDENING SHALL BE COMPLETED TO A DEPTH OF NO MORE THAN 5 INCHES BELOW THE EXISTING PAVEMENT BY THE END OF EACH WORK DAY. NO TRENCH SHALL BE LEFT OPEN OVERNIGHT EXCEPT FOR A SHORT LENGTH (25 FEET OR LESS) OF A WORK SECTION AT THE END OF THE TRENCH. IN CASE WORK MUST BE SUSPENDED BECAUSE OF INCLEMENT WEATHER OR OTHER REASONS, THE TRENCH FOR THE UNCOMPLETED BASE WIDENING SHALL BE BACKFILLED AT THE DIRECTION OF THE ENGINEER.

DRUM REQUIREMENTS

IN ADDITION TO THE REQUIREMENTS OF THE PLANS, SPECIFICATION AND PROPOSAL, DRUMS FURNISHED BY THE CONTRACTOR SHALL BE NEW AND UNUSED AT THE TIME OF ARRIVAL ON THE PROJECT. ANY DRUMS BROUGHT ON THE PROJECT, WHICH HAVE PREVIOUSLY BEEN USED ELSEWHERE, WILL NOT BE ACCEPTED.

PAYMENT FOR DRUMS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED.

DUST CONTROL

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED FOR DUST CONTROL PURPOSES:

ITEM 616 - WATER 737 M. GAL.

MAINTENANCE OF TRAFFIC FOR MARKING PAVEMENT REPAIRS

PROVIDE LANE CLOSURES AS PER THE MAINTENANCE OF TRAFFIC NOTES IN THESE PLANS A MINIMUM OF 24 HOURS PRIOR TO PERFORMING PAVEMENT REPAIRS TO ALLOW THE ENGINEER TO IDENTIFY AND MARK THE AREAS OF THE PAVEMENT IN NEED OF REPAIRS.

PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS, LEO HOURS, AND INCIDENTALS NEEDED TO PERFORM THE ABOVE LISTED WORK IS CONSIDERED INCIDENTAL TO MAINTAINING TRAFFIC ON THE PROJECT AND WILL BE INCLUDED IN THE LUMP SUM BID PRICE FOR ITEM 614 MAINTAINING TRAFFIC.

LOCAL ACCESS

INGRESS OR EGRESS SHALL BE MAINTAINED TO ALL RESIDENTIAL AND COMMERCIAL PROPERTIES AT ALL TIMES UNLESS SHOWN OTHERWISE IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING OWNER, RESIDENTS, OR BUSINESS OPERATORS IN WRITING AT LEAST 48 HOUR BUT NOT MORE THAN 72 HOUR PRIOR TO BEGINNING DRIVE CONSTRUCTION. THE ENGINEER SHALL BE GIVEN A LIST OF THE PERSONS THAT WERE GIVEN NOTICES WITH THE DATE OF THE NOTICE DELIVERED.

NOTIFICATON OF CONSTRUCTION INITIATION

AT LEAST FOURTEEN DAYS PRIOR TO STARTING INITIAL CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL ADVISE THE DISTRICT OFFICE OF COMMUNICATIONS VIA EMAIL AT D06.PIO@DOT.OHIO.GOV, THE DISTRICT WORK ZONE TRAFFIC MANAGER VIA EMAIL AT D06.MOT@DOT.OHIO.GOV AND THE CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION VIA EMAIL AT HAULING.PERMITS@DOT.OHIO.GOV OF THE ANTICIPATED START DATE OF ANY CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE PLACING OF WORK ZONE SIGNS. THE NOTIFICATION SHALL ALSO INCLUDE THE PROJECT NUMBER, PID, NAME AND PHONE NUMBER OF THE CONTRACTOR, A POINT OF CONTACT AND THE ANTICIPATED IMPACT ON TRAFFIC. THE CONTRACTOR WILL IMMEDIATELY INFORM THE DISTRICT OFFICE OF COMMUNICATIONS AND THE DISTRICT WORK ZONE TRAFFIC MANAGER OF ANY AND ALL DELAYS AND/OR CHANGES REGARDING THE CONSTRUCTION INITIATION DATE.

PRE-MAINTENANCE OF TRAFFIC MEETING

A PRE-MAINTENANCE OF TRAFFIC MEETING SHALL BE HELD (MINIMUM OF 10 WORK DAYS) PRIOR TO WORK BEGINNING OR ANY CHANGE OF PHASING. THIS MEETING SHALL INCLUDE THE DISTRICT WORK ZONE TRAFFIC MANAGER (d06.mot@dot.ohio.gov) AS WELL AS THE CONTRACTOR AND ANY OF HIS SUB-CONTRACTORS INVOLVED WITH TEMPORARY TRAFFIC CONTROL. FOR COLUMBUS SECTIONS OF ROADWAY, ALSO INCLUDE THE TEMPORARY TRAFFIC CONTROL COORDINATOR (614-645-6269 OR 614-645-5845) FROM THE CITY OF COLUMBUS TRANSPORTATION DIVISION.

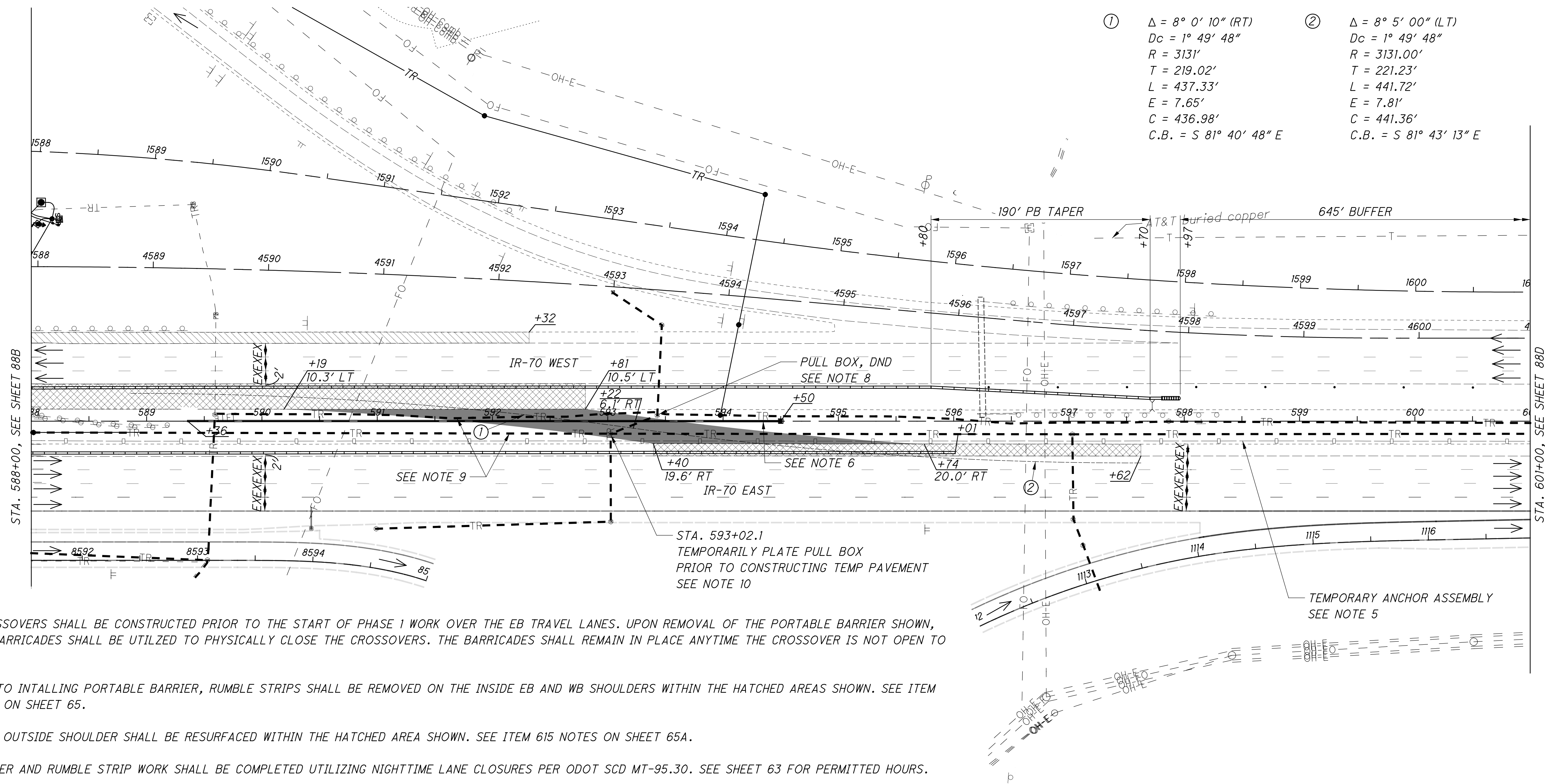


ITEM	EXTENSION	TOTAL FROM SHEET														TOTAL	UNIT	DESCRIPTION	SEE SHEET
		59-65	67A	68	69	70	71	72	73	74	75	76	77	78	79				
411	10000			123			90									213	CY	STABILIZED CRUSHED AGGREGATE	
601	32200						3									3	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
602	20000						1									1.4	CY	CONCRETE MASONRY	
606	15050			645					488		213					1346	FT	GUARDRAIL, TYPE MGS	
606	26150										1					1	EACH	ANCHOR ASSEMBLY, MGS TYPE E, MASH 2016	
606	26500			1					1		1					3	EACH	ANCHOR ASSEMBLY, TYPE T	
611	04400						46									46	FT	12" CONDUIT, TYPE B	
611	05900						224									224	FT	15" CONDUIT, TYPE B	
611	07400						122									122	FT	18" CONDUIT, TYPE B	
611	98450						2									2	EACH	CATCH BASIN, NO. 2-2A	
614	11110	2000														2000	HOURL	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	65
SPECIAL	61411300	6														6	EACH	WORK ZONE TRAFFIC SIGNAL	64
614	11630	46466														46466	FT	INCREASED BARRIER DELINEATION	65
614	12380	46														46	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	
614	12420															LS		DETOUR SIGNING	
614	12484	42														42	EACH	WORK ZONE INCREASED PENALTIES SIGN	61
614	12500	50														50	EACH	REPLACEMENT SIGN	60
614	12600	300														300	EACH	REPLACEMENT DRUM	60
614	12801		112	728			409				295			572		2116	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN	62
614	13310	1057														1057	EACH	BARRIER REFLECTOR, TYPE 1, ONE-WAY	65
614	13312	1064														1064	EACH	BARRIER REFLECTOR, TYPE 2, ONE-WAY	65
614	13350	3915														3915	EACH	OBJECT MARKER, ONE WAY	65
614	18601	224														224	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	61
614	20056			3.42			3.69				2.53			5.83		15.47	MILE	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT	
614	22056		0.63	3.33		0.27	3.61		0.20	0.12	4.27		0.14	4.06		16.63	MILE	WORK ZONE, EDGE LINE, CLASS I, 6", 807 PAINT, WHITE	
614	22056		0.73	2.86		0.23	3.67		0.20	0.12	3.98		0.10	4.44		16.33	MILE	WORK ZONE, EDGE LINE, CLASS I, 6", 807 PAINT, YELLOW	
614	23110		4830	10933			9075				6002		54	10580		41474	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT	
614	24102			779			1639				3878			4607		10903	FT	WORK ZONE DOTTED LINE, CLASS I, 6" 807 PAINT	
614	27070										164	200				364	FT	WORK ZONE CROSSWALK LINE. CLASS I, 12", 740.06, TYPE I	
614	31200					2				2						4	EACH	WORK ZONE WORD ON PAVEMENT, 72", CLASS I, 642 PAINT	
614	31650			4			4									8	EACH	WORK ZONE WORD ON PAVEMENT, 96", CLASS I, 642 PAINT	
614	98000				0.40	0.01		0.81	0.06	0.04		0.97	0.43		0.92	3.64	MILE	WORK ZONE PAVEMENT MARKING, MISC.: LANE LINE, CLASS I, 6" 642 PAINT	60
614	98000				0.73	0.54		0.44	0.31	0.24			0.30		0.34	2.89	MILE	WORK ZONE PAVEMENT MARKING, MISC.: CENTER LINE, CLASS I, 6" 642 PAINT, DOUBLE SOLID	60
614	98000				1.12	0.71		0.39	0.49	0.47			0.66		0.16	4.00	MILE	WORK ZONE PAVEMENT MARKING, MISC.: EDGE LINE, CLASS I, 6", 642 PAINT, WHITE	60
614	98000							0.04	0.03			0.78	0.27		0.36	1.47	MILE	WORK ZONE PAVEMENT MARKING, MISC.: EDGE LINE, CLASS I, 6", 642 PAINT, YELLOW	60
614	98100				2435	3130		2661	2403	1482		2540	2580		4582	21813	FT	WORK ZONE PAVEMENT MARKING, MISC.: CHANNELIZING LINE, CLASS I, 12", 642 PAINT	60
614	98100				585	873		522	127	182		490	112		489	3380	FT	WORK ZONE PAVEMENT MARKING, MISC.: DOTTED LINE, CLASS I, 6", 642 PAINT, WHITE	60
614	98100				270					152						422	FT	WORK ZONE PAVEMENT MARKING, MISC.: DOTTED LINE, CLASS I, 6", 642 PAINT, YELLOW	60
614	98100				106	154		134	56	55	47	174	157		220	1103	FT	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE STOP LINE, 24", 642 PAINT	60
614	98200				17	17		20	22	12		22	27		26	163	EACH	WORK ZONE PAVEMENT MARKING, MISC.: ARROW, CLASS I, 642 PAINT	60
614	98200			1			1				1					3	EACH	WORK ZONE PAVEMENT MARKING, MISC.: LANE REDUCTION ARROW, CLASS I, 642 PAINT	60
614	98200			4			4									8	EACH	WORK ZONE PAVEMENT MARKING, MISC.: ROUTE SHIELD SYMBOL, CLASS I, 814 HEAT-FUSED PREFORMED THERMOPLASTIC	
615	10000															LS		ROADS FOR MAINTAINING TRAFFIC	
615	20001		1359													1359	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	66
615	25000		1330	2123	1400	2649	1988		868	282	1189					11829	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B	
616	10000	737														737	MGAL	WATER	60
618	40101	13127														13127	FT	RUMBLE STRIPS, (ASPHALT CONCRETE), AS PER PLAN	65
622	41060	1														1	EACH	DUAL PORTABLE BARRIER TRANSITION/TERMINATION	
622	41011		1510													1510	FT	PORTABLE BARRIER, 50", AS PER PLAN	66
622	41100		4060	17630	1541	2656	10820		1371	548	8070			4380		51076	FT	PORTABLE BARRIER, UNANCHORED	
622	41110			80		90			321							491	FT	PORTABLE BARRIER, ANCHORED	
808	18700	120														120	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	60
829	00100	12														12	SNMT	WORK ZONE EGRESS WARNING SYSTEM	65
TOTALS CARRIED TO GENERAL SUMMARY SHEET																			

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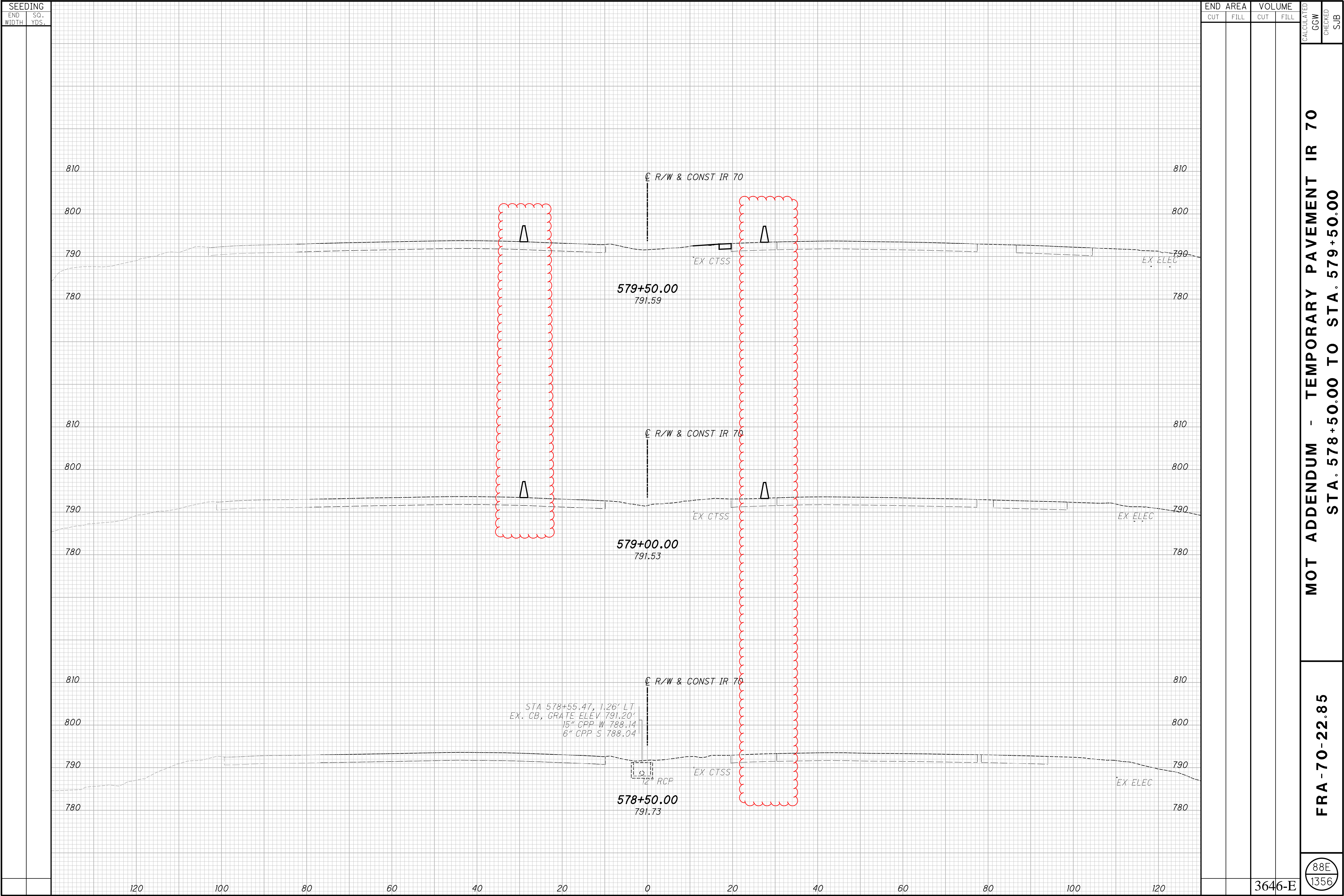
- NOTES
1. EB CROSSOVERS SHALL BE CONSTRUCTED PRIOR TO THE START OF PHASE 1 WORK OVER THE EB TRAVEL LANES. UPON REMOVAL OF THE PORTABLE BARRIER SHOWN, TYPE III BARRICADES SHALL BE UTILIZED TO PHYSICALLY CLOSE THE CROSSOVERS. THE BARRICADES SHALL REMAIN IN PLACE ANYTIME THE CROSSOVER IS NOT OPEN TO TRAFFIC.
  2. PRIOR TO INTALLING PORTABLE BARRIER, RUMBLE STRIPS SHALL BE REMOVED ON THE INSIDE EB AND WB SHOULDERS WITHIN THE HATCHED AREAS SHOWN. SEE ITEM 618 NOTES ON SHEET 65.
  3. THE WB OUTSIDE SHOULDER SHALL BE RESURFACED WITHIN THE HATCHED AREA SHOWN. SEE ITEM 615 NOTES ON SHEET 65A.
  4. SHOULDER AND RUMBLE STRIP WORK SHALL BE COMPLETED UTILIZING NIGHTTIME LANE CLOSURES PER ODOT SCD MT-95.30. SEE SHEET 63 FOR PERMITTED HOURS.
  5. A TEMPORARY ANCHOR ASSEMBLY/TENSION CABLE ANCHOR TERMINAL SHALL BE INSTALLED NEAR STA 598+50. EXISTING CABLE BARRIER SHALL BE REMOVED BETWEEN STA 579+00 AND STA 598+50. PROPOSED CABLE BARRIER SHALL INSTALLED UPON REMOVAL OF THE CROSSOVERS AS DETAILED IN THE ROADWAY PLANS.
  6. INSTALL 514 FEET OF TYPE C PIPE AND A CB-8 CATCH BASIN TO MAINTAIN DRAINAGE AT THE EASTERN CROSSOVER.
  7. ALL COSTS ASSOCIATED WITH CROSSOVER EXCAVATION, TEMP DRAINAGE, TEMP PLATING, AND TEMP GUARDRAIL SHALL BE INCIDENTAL TO ITEM 615, ROADS FOR MAINTAINING TRAFFIC.
  8. CROSSOVERS SHALL NOT BE CONSTRUCTED UNTIL PROPOSED ITS AND CTSS INFRASTRUCTURE IS COMPLETE AND OPERATIONAL.
  9. THE CONTRACTOR SHALL NOT DISTURB ITS CONDUITS, CABLES OR PULL BOXES DURING CONSTRUCTION OR REMOVAL OF THE CROSSOVERS. SPECIAL CARE SHALL BE TAKEN DURING SUB GRADE COMPACTION AND FINAL EXCAVATION TO ENSURE NO IMPACTS ARE MADE. ANY DAMAGE TO ITS ITEMS SHALL BE AT THE CONTRACTORS EXPENSE.
  10. THE EXISTING PULL BOX WITHIN THE LIMITS OF THE TEMPORARY CROSS-OVER PAVEMENT AS NOTED HEREIN, SHALL BE COVERED WITH A STEEL PLATE PRIOR TO THE PLACEMENT OF TEMPORARY PAVEMENT. IF THE STEEL PLATE CONFLICTS WITH THE INSTALLATION OF THE TEMPORARY PAVEMENT, THE PROJECT ENGINEER SHALL BE NOTIFIED AND THE FOLLOWING ACTIONS TAKEN:
    - THE EXISTING PULL BOX SHALL BE REMOVED AND ALL EXISTING CONDUIT ENTERING THE PULL BOX SHALL BE CAPPED.
    - THE RESULTING VOID SHALL BE COVERED WITH A STEEL PLATE AT A LOWER ELEVATION THAN IF THE PULL BOX REMAINED IN PLACE)
- WHEN THE TEMPORARY PAVEMENT IS REMOVED, A NEW 32" PULL BOX SHALL BE INSTALLED AND THE CONDUIT CAPS REMOVED. THE PULL BOX SHALL BE PER THE REQUIREMENTS OF ITEM 625 PULL BOX, 725.08, 32".
- ALL COSTS ASSOCIATED WITH THE TEMPORARY PLACEMENT OF THE STEEL PLATE, PULL BOX REMOVAL/REPLACEMENT AND CAPPING THE CONDUITS SHALL BE CONSIDERED INCIDENTAL TO ITEM 615, ROADS FOR MAINTAINING TRAFFIC.

- ①  $\Delta = 8^\circ 0' 10''$  (RT)  
 $Dc = 1^\circ 49' 48''$   
 $R = 3131'$   
 $T = 219.02'$   
 $L = 437.33'$   
 $E = 7.65'$   
 $C = 436.98'$   
 $C.B. = S 81^\circ 40' 48'' E$
- ②  $\Delta = 8^\circ 5' 00''$  (LT)  
 $Dc = 1^\circ 49' 48''$   
 $R = 3131.00'$   
 $T = 221.23'$   
 $L = 441.72'$   
 $E = 7.81'$   
 $C = 441.36'$   
 $C.B. = S 81^\circ 43' 13'' E$

DRUM SPACING CHART	
TANGENT	120' c/c
TAPER	60' c/c
RADII	20' c/c

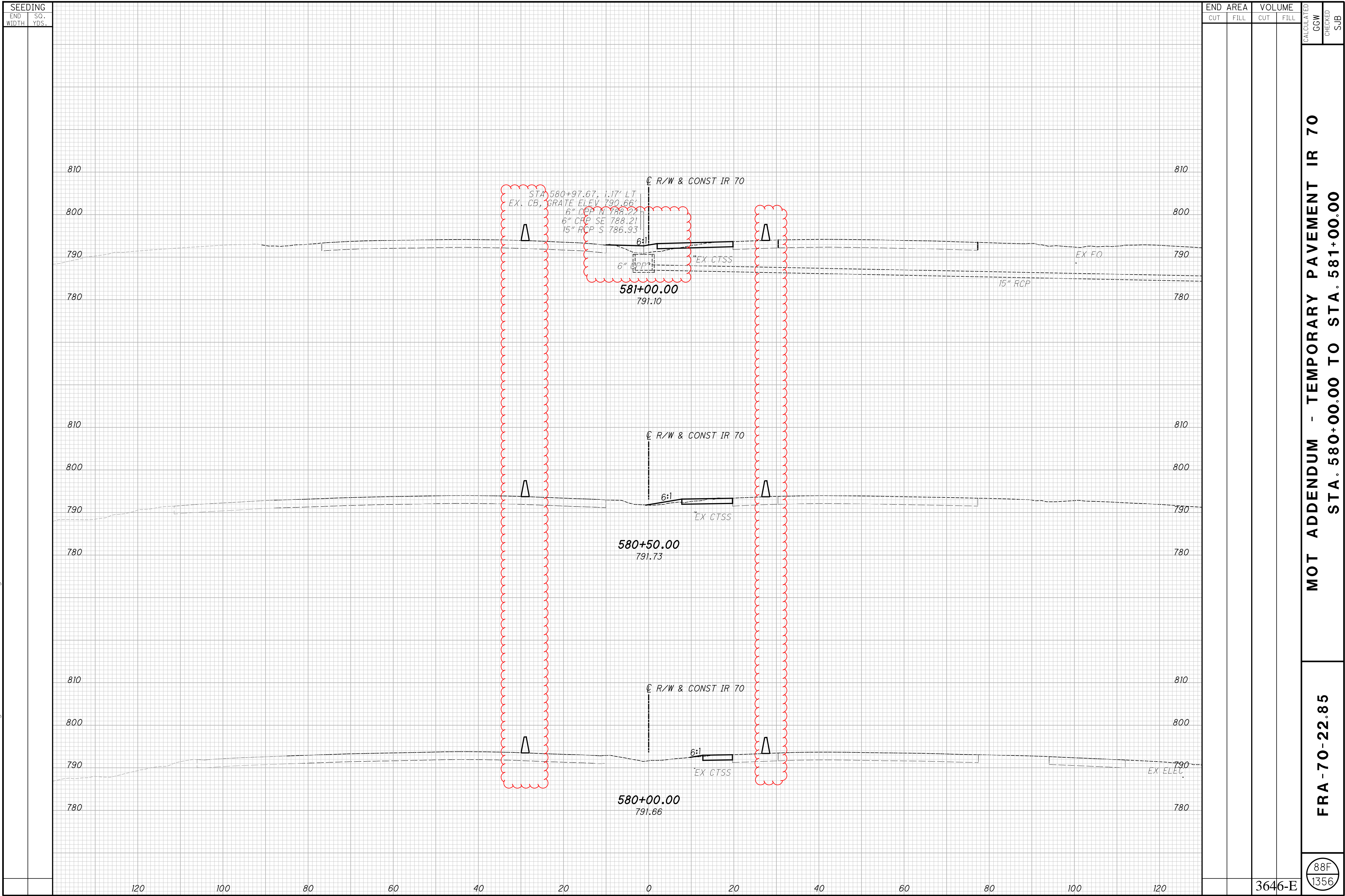
- LEGEND
- DRUM
  - DIRECTION OF TRAVEL
  - ⇌ PORTABLE BARRIER
  - TEMPORARY PAVEMENT (CONSTRUCTED THIS PHASE)
  - ⋈ TYPE III BARRICADE
  - ▬ IMPACT ATTENUATER
  - ▨ RUMBLE STRIP REMOVAL (SEE NOTE 2)
  - ▩ SHOULDER WORK (SEE NOTE 3)

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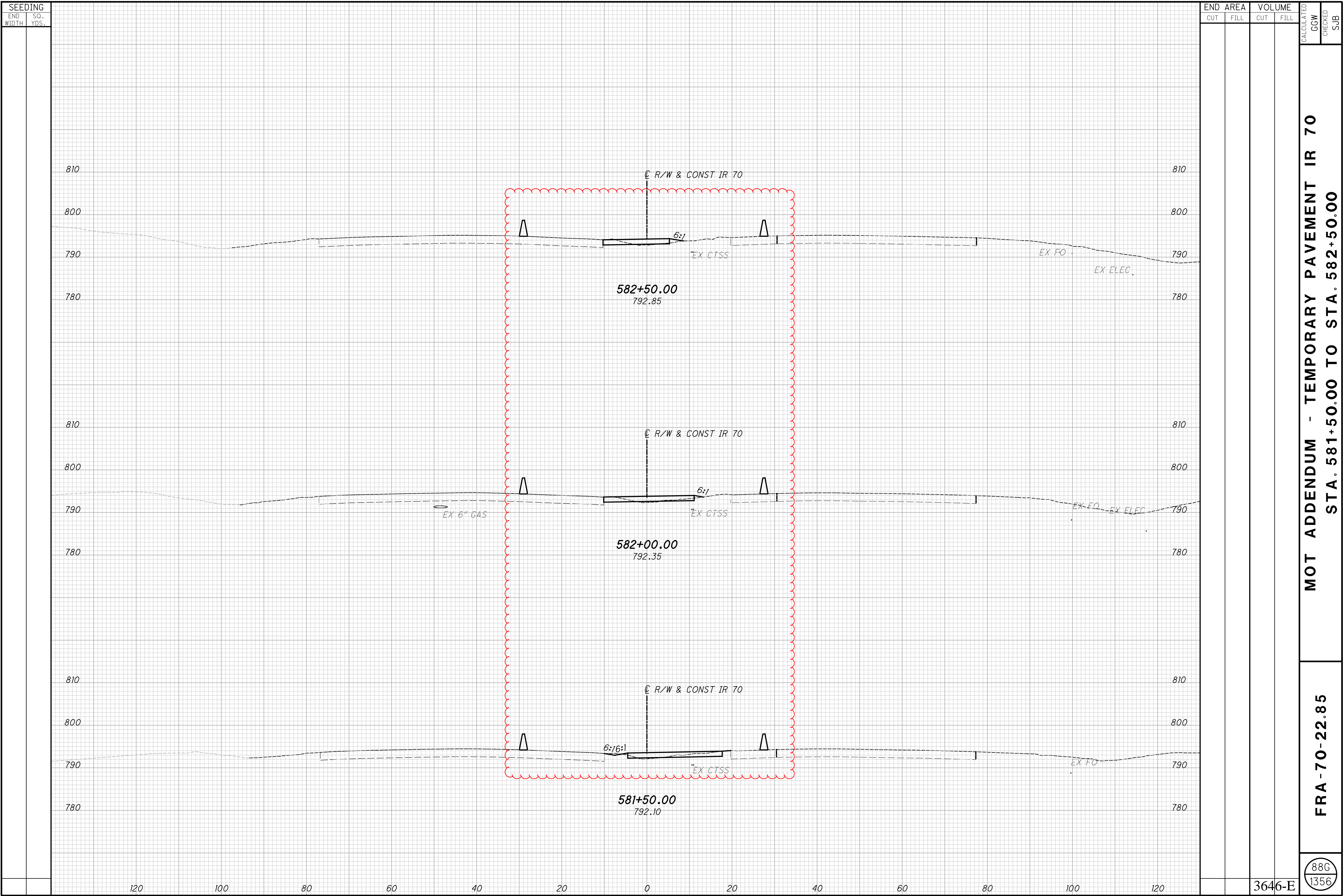
MOT ADDENDUM - TEMPORARY PAVEMENT IR 70  
STA. 580+00.00 TO STA. 581+00.00

FRA-70-22.85

88F  
1356

3646-E

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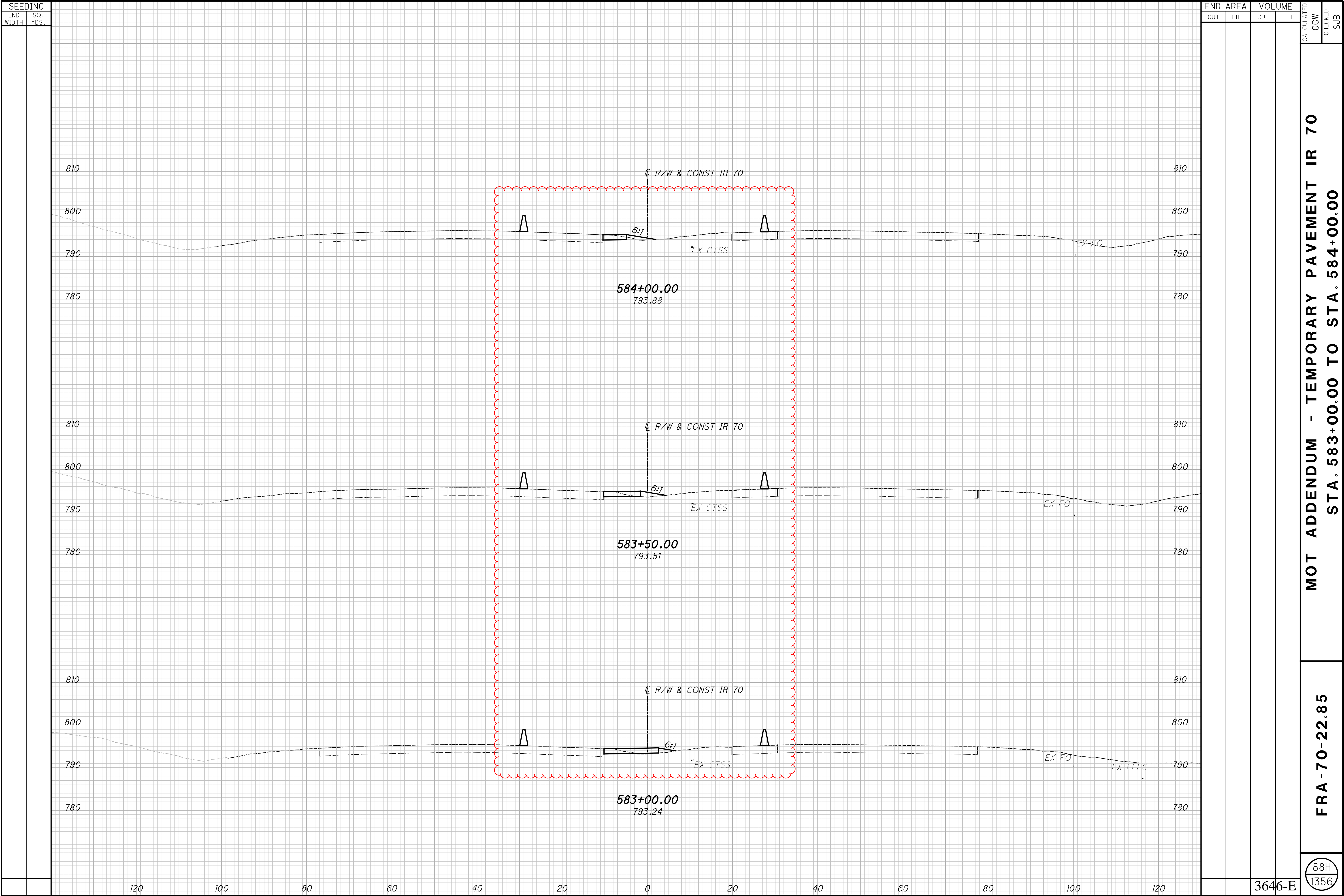
MOT ADDENDUM - TEMPORARY PAVEMENT IR 70  
STA. 581+50.00 TO STA. 582+50.00

FRA - 70 - 22.85

88G  
1356

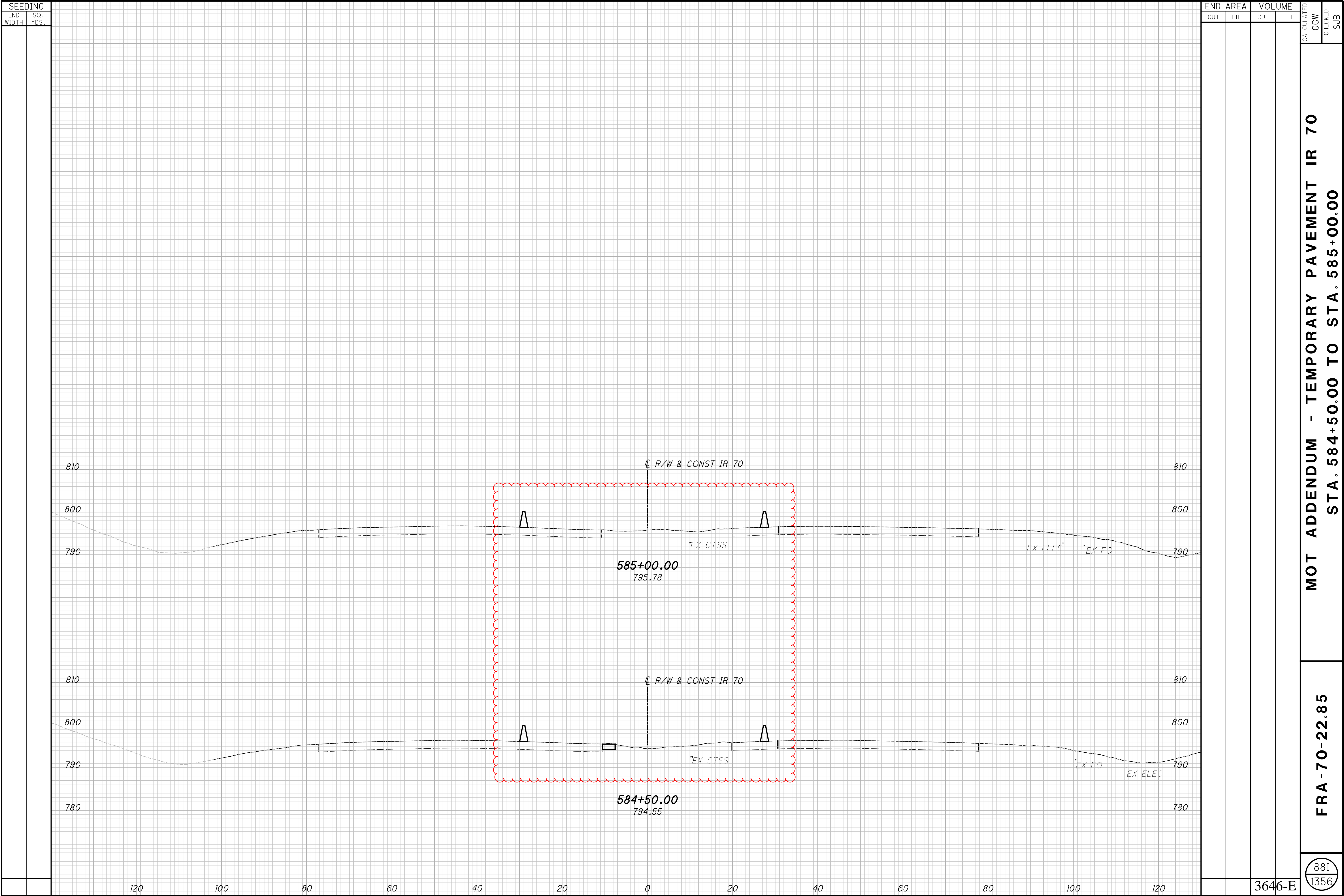
3646-E

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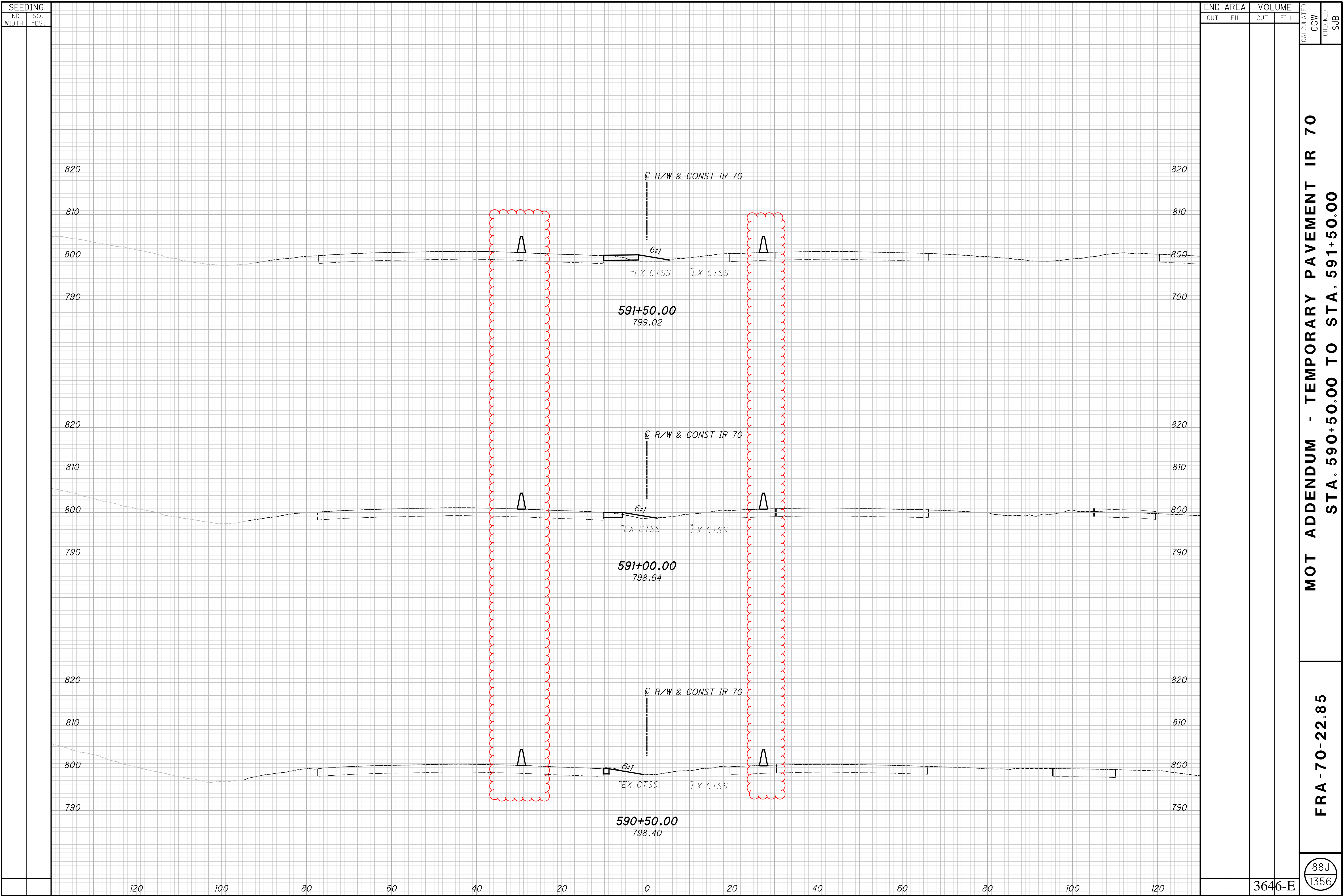


**MOT ADDENDUM - TEMPORARY PAVEMENT IR 70**  
**STA. 584+50.00 TO STA. 585+00.00**

**FRA-70-22.85**

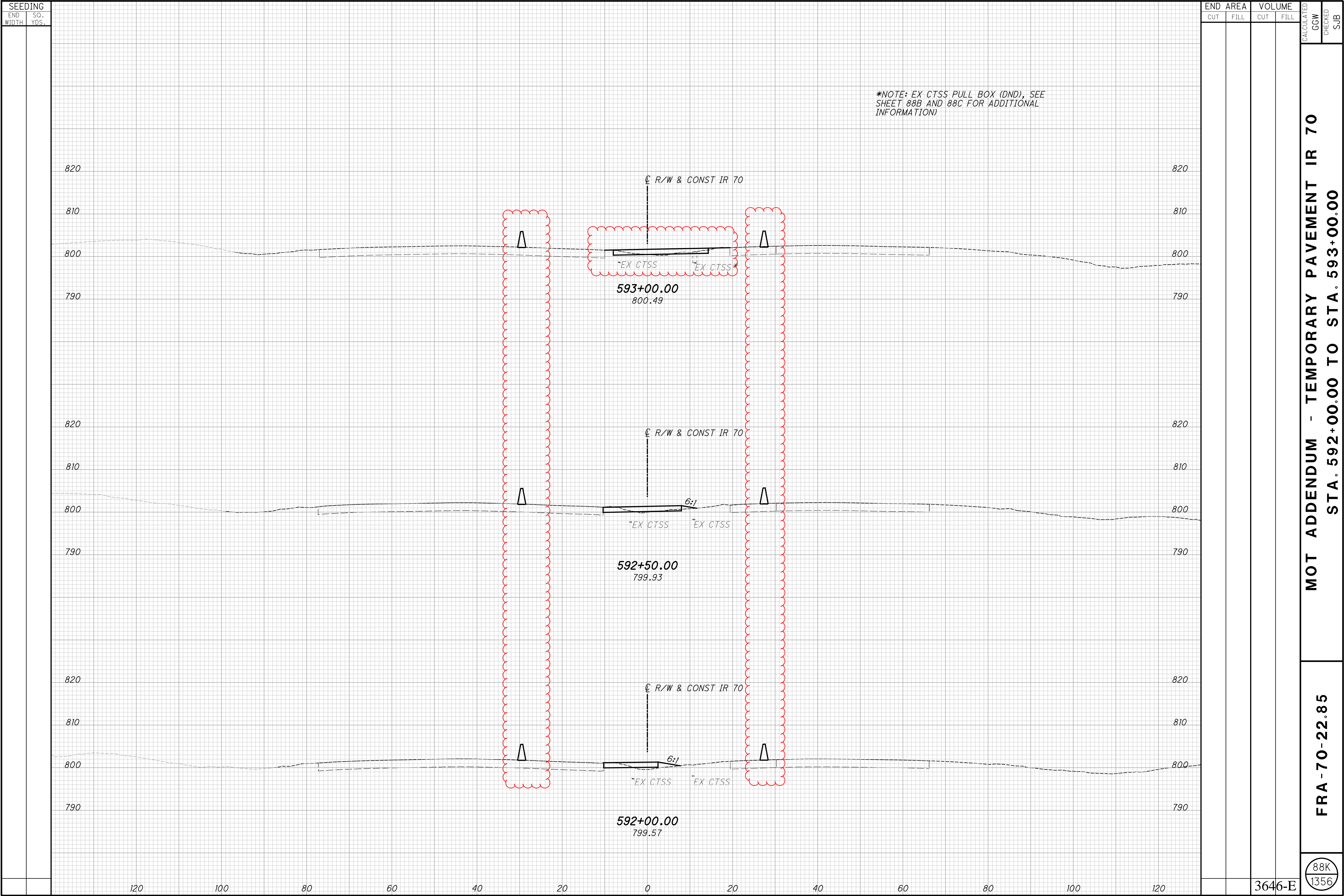
881  
1356


J:\20170913\0001\FRA\98232\_FRA\_70\Design\MOT\Sheets\98232\_MX100.dgn Sheet 11/18/2024 11:02:40 AM sbed





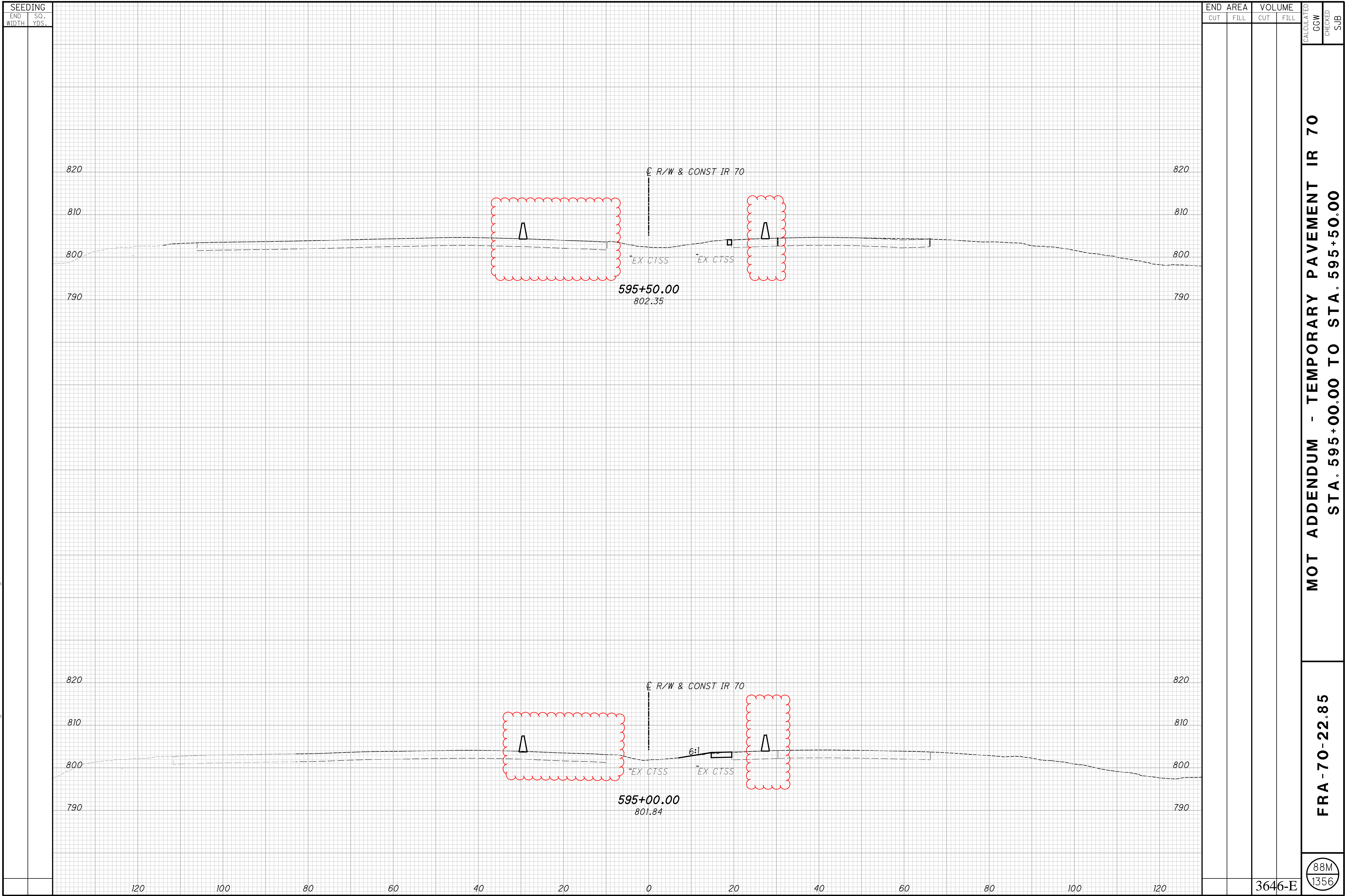
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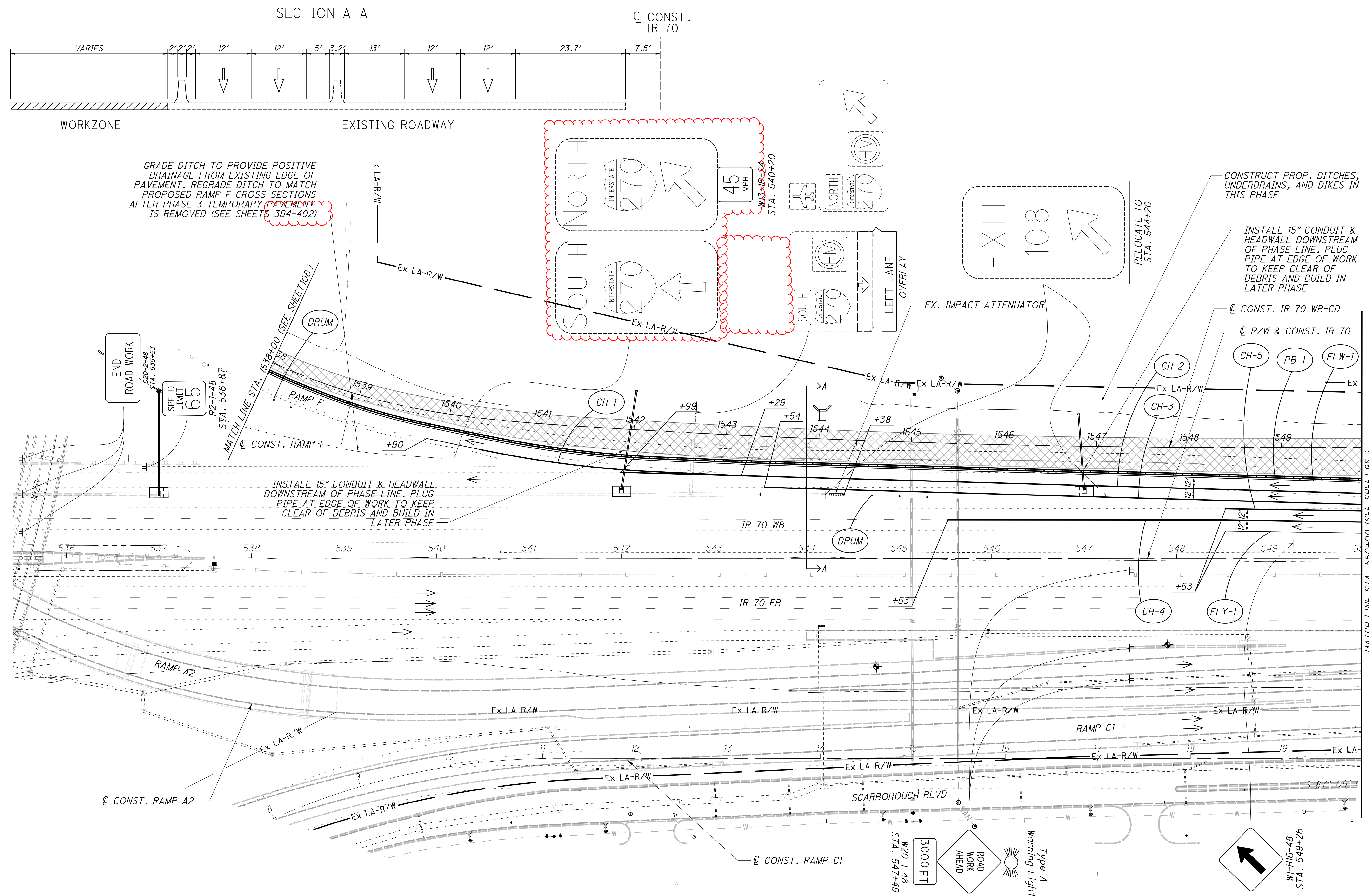






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NOTES:  
1. MAINTENANCE OF TRAFFIC LEGENDS CAN BE FOUND ON SHEET 88



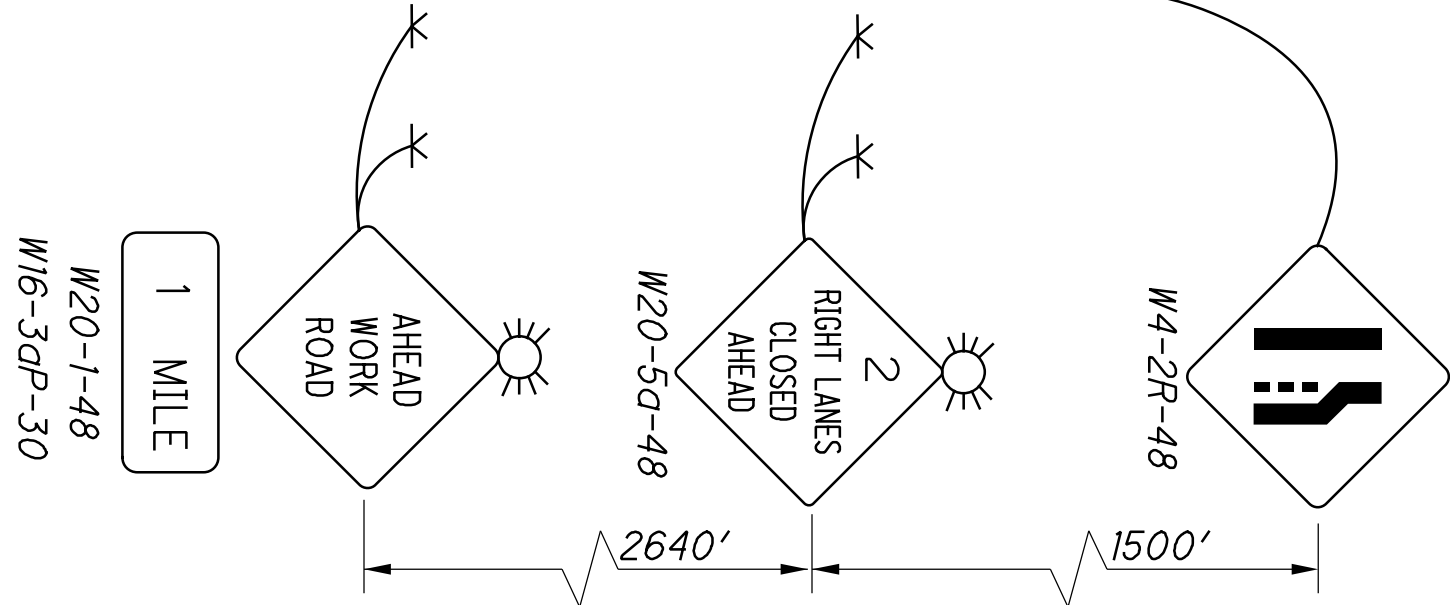
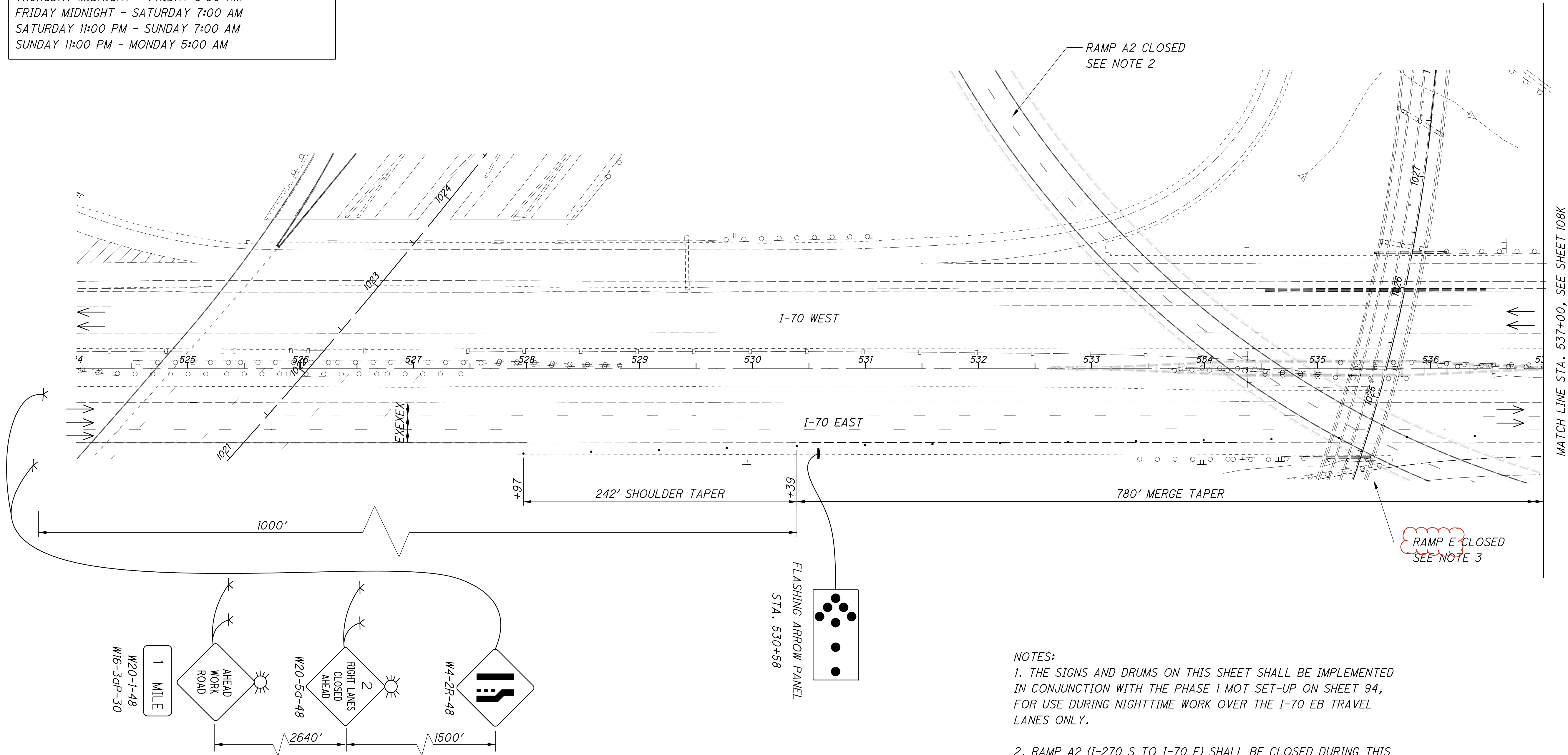




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PHASE 1 WORK OVER EB - MOT SUMMARY  
THE MOT SET-UP SHOWN ON SHEETS 108J-108O SHALL BE UTILIZED FOR PHASE 1 WORK OVER THE I-70 EB TRAVEL LANES.

ALLOWABLE HOURS:  
MONDAY MIDNIGHT - TUESDAY 5:00 AM  
TUESDAY MIDNIGHT - WEDNESDAY 5:00 AM  
WEDNESDAY MIDNIGHT - THURSDAY 5:00 AM  
THURSDAY MIDNIGHT - FRIDAY 5:00 AM  
FRIDAY MIDNIGHT - SATURDAY 7:00 AM  
SATURDAY 11:00 PM - SUNDAY 7:00 AM  
SUNDAY 11:00 PM - MONDAY 5:00 AM



DRUM SPACING CHART	
TANGENT	120' c/c
TAPER	60' c/c
RADII	20' c/c

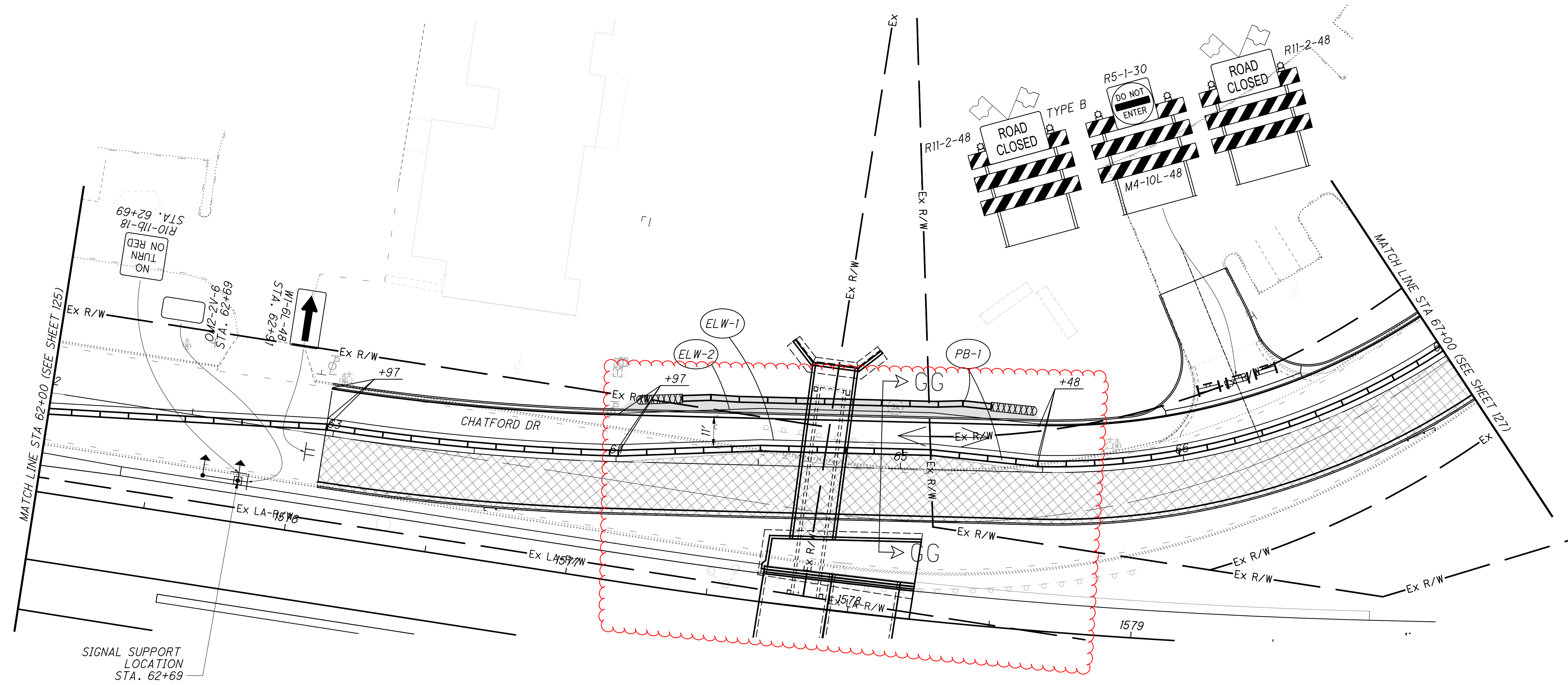
- NOTES:
1. THE SIGNS AND DRUMS ON THIS SHEET SHALL BE IMPLEMENTED IN CONJUNCTION WITH THE PHASE 1 MOT SET-UP ON SHEET 94, FOR USE DURING NIGHTTIME WORK OVER THE I-70 EB TRAVEL LANES ONLY.
  2. RAMP A2 (I-270 S TO I-70 E) SHALL BE CLOSED DURING THIS SET-UP. THE CLOSURE SHALL BE IMPLEMENTED AS SHOWN ON SHEETS 108P-108Q. THE "SECONDARY ROUTE" SHALL BE UTILIZED AS THE DETOUR PER THE NOTES AND TABLE ON SHEET 64.
  3. RAMP E (I-270 N TO I-70 E) SHALL BE CLOSED DURING THIS SET-UP. THE CLOSURE SHALL BE IMPLEMENTED PER ODOT SCD MT-98.29. THE "PRIMARY ROUTE" SHALL BE UTILIZED AS THE DETOUR PER THE NOTES AND TABLE ON SHEET 64.
  4. A LAW ENFORCEMENT OFFICER (WITH PATROL CAR) SHALL BE LOCATED AT EACH OF THE I-70/SR-317 RAMP INTERSECTIONS DURING THE RAMP A2 AND E CLOSURE.

- LEGEND
- DRUM
  - ➔ DIRECTION OF TRAVEL
  - ✂ TEMPORARY SIGN SUPPORT
  - FLASHING ARROW PANEL



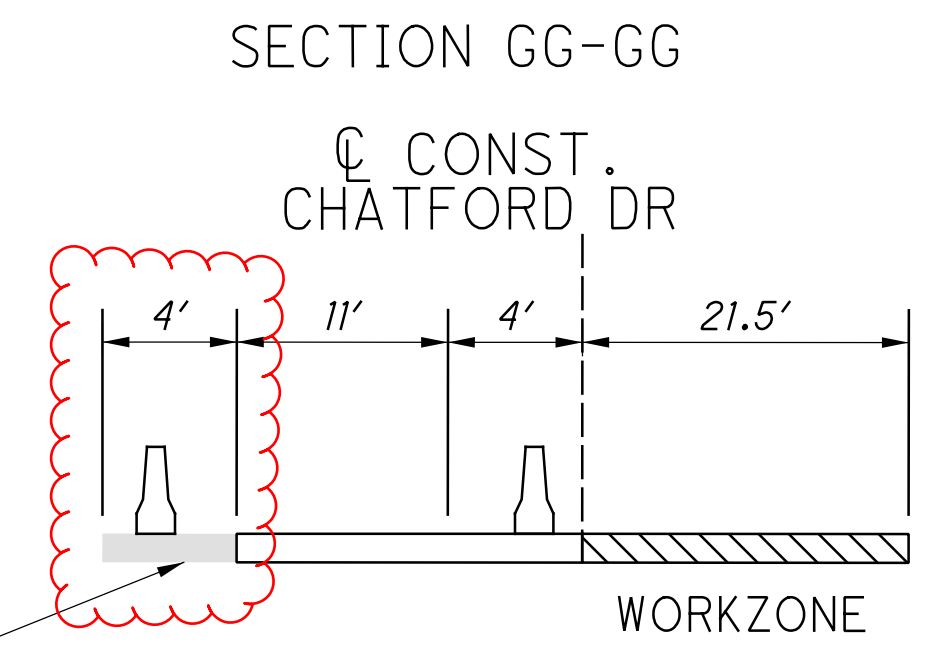






NOTES:  
1. MAINTENANCE OF TRAFFIC LEGENDS CAN BE FOUND ON SHEET 88

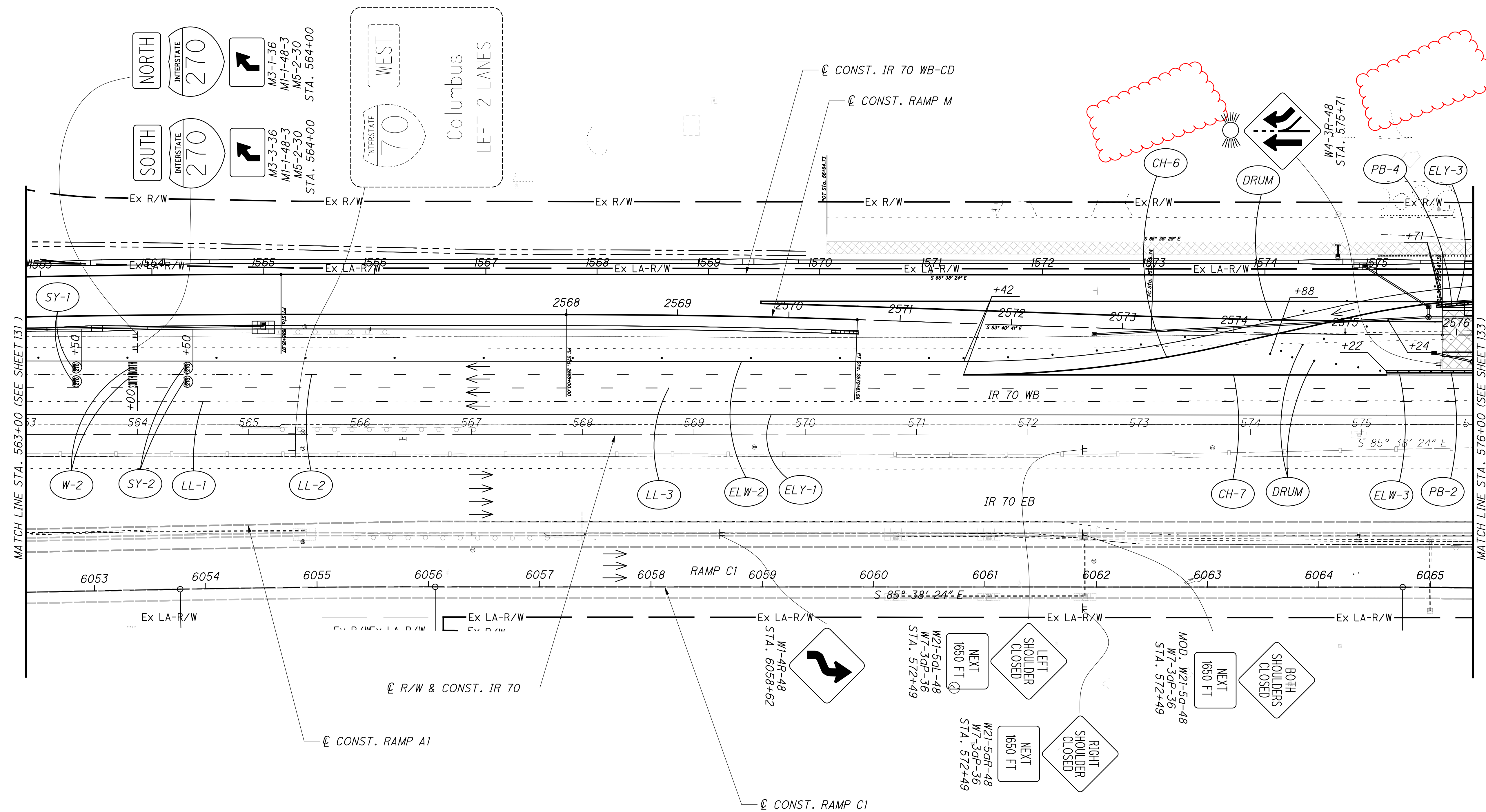
AFTER CULVERT IS COMPLETED,  
REMOVE WORK ZONE PAVEMENT AND PLACE  
PROPOSED CURB AND GUTTER







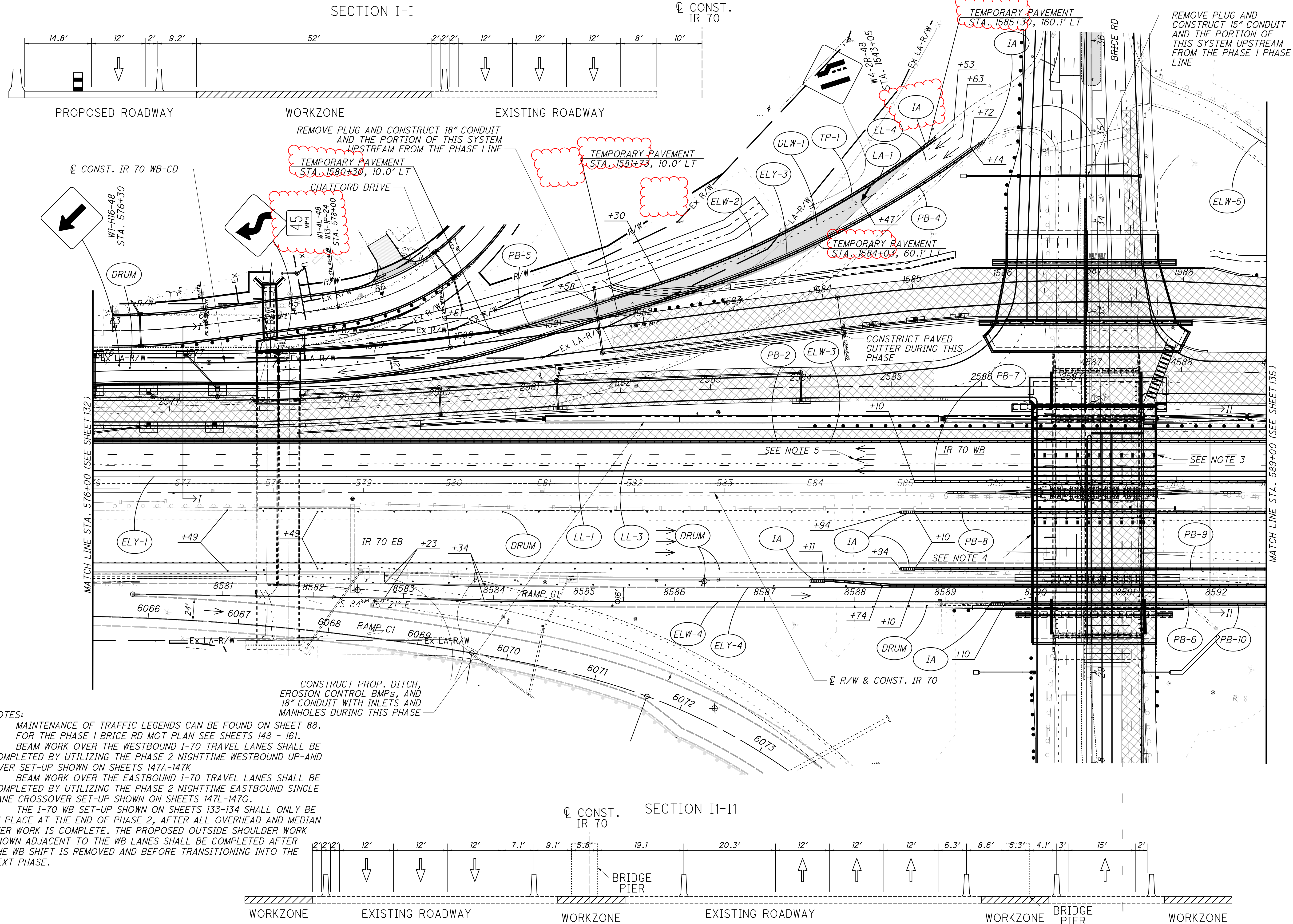




NOTES:  
1. MAINTENANCE OF TRAFFIC LEGENDS CAN BE FOUND ON SHEET 88



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NOTES:

1. MAINTENANCE OF TRAFFIC LEGENDS CAN BE FOUND ON SHEET 88.
2. FOR THE PHASE 1 BRICE RD MOT PLAN SEE SHEETS 148 - 161.
3. BEAM WORK OVER THE WESTBOUND I-70 TRAVEL LANES SHALL BE COMPLETED BY UTILIZING THE PHASE 2 NIGHTTIME WESTBOUND UP-AND-OVER SET-UP SHOWN ON SHEETS 147A-147K.
4. BEAM WORK OVER THE EASTBOUND I-70 TRAVEL LANES SHALL BE COMPLETED BY UTILIZING THE PHASE 2 NIGHTTIME EASTBOUND SINGLE LANE CROSSOVER SET-UP SHOWN ON SHEETS 147L-147Q.
5. THE I-70 WB SET-UP SHOWN ON SHEETS 133-134 SHALL ONLY BE IN PLACE AT THE END OF PHASE 2, AFTER ALL OVERHEAD AND MEDIAN PIER WORK IS COMPLETE. THE PROPOSED OUTSIDE SHOULDER WORK SHOWN ADJACENT TO THE WB LANES SHALL BE COMPLETED AFTER THE WB SHIFT IS REMOVED AND BEFORE TRANSITIONING INTO THE NEXT PHASE.



SEEDING		END AREA		VOLUME		CALCULATED		CHECKED		TITLE	
END	SO.	CUT	FILL	CUT	FILL	CUT	FILL	CUT	FILL	TEMPORARY PAVEMENT - RAMP M	
WIDTH	YDS.									STA. 9+08.45 TO STA. 10+00.00	
										FRA-70-22.85	
										134A 1356	
		<div>795</div> <div>790</div> <div>785</div> <div>780</div> <div>795</div> <div>790</div> <div>785</div> <div>780</div> <div>795</div> <div>790</div> <div>785</div> <div>780</div>									
		<div>60</div> <div>50</div> <div>40</div> <div>30</div> <div>20</div> <div>10</div> <div>0</div> <div>10</div> <div>20</div> <div>30</div> <div>40</div> <div>50</div> <div>60</div>									
		<div>794.16</div> <div>10+00.00</div> <div>790.44</div> <div>794.22</div> <div>9+50.00</div> <div>789.41</div> <div>794.26</div> <div>9+08.45</div> <div>787.54</div>									
		<div>3646-E</div>									

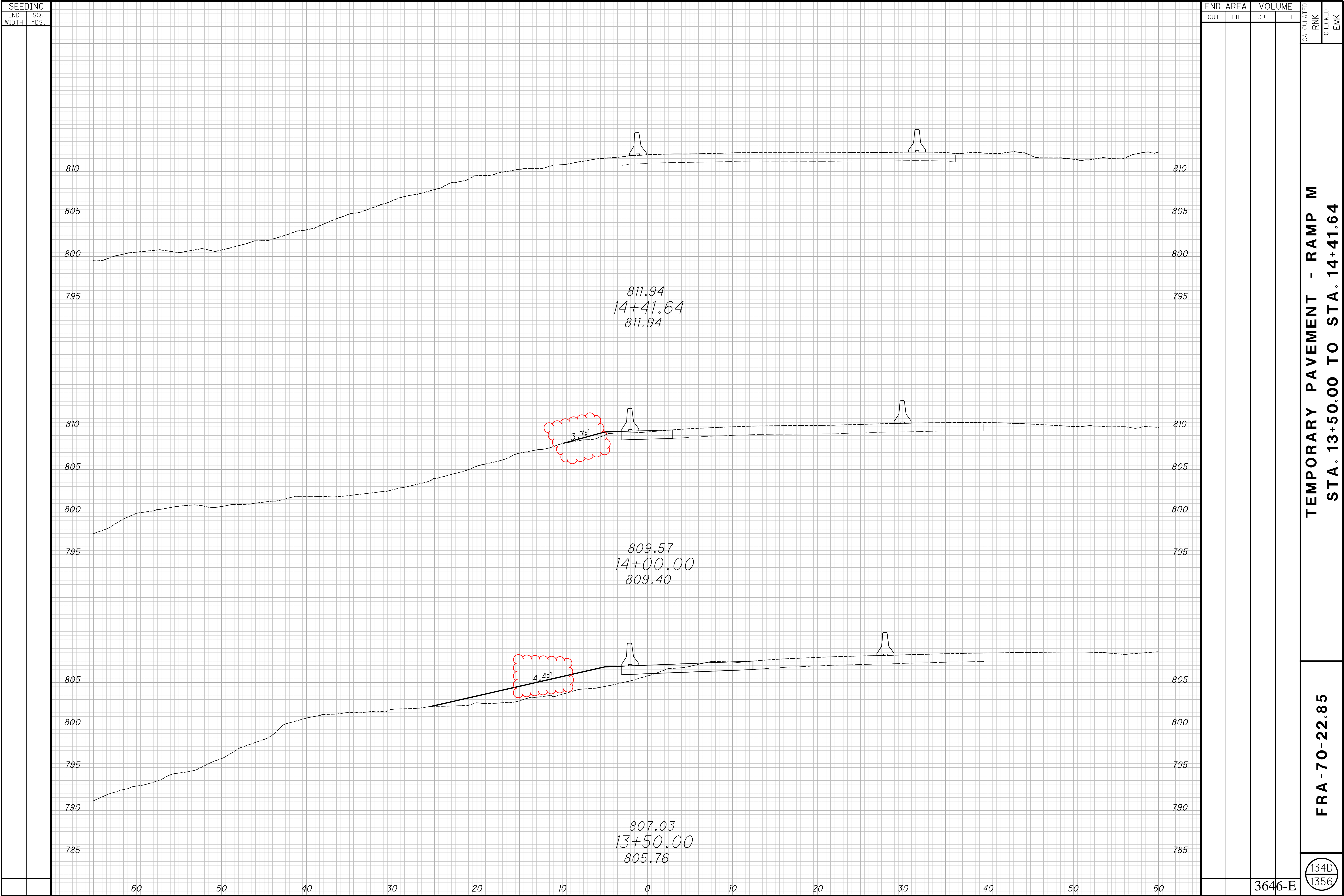






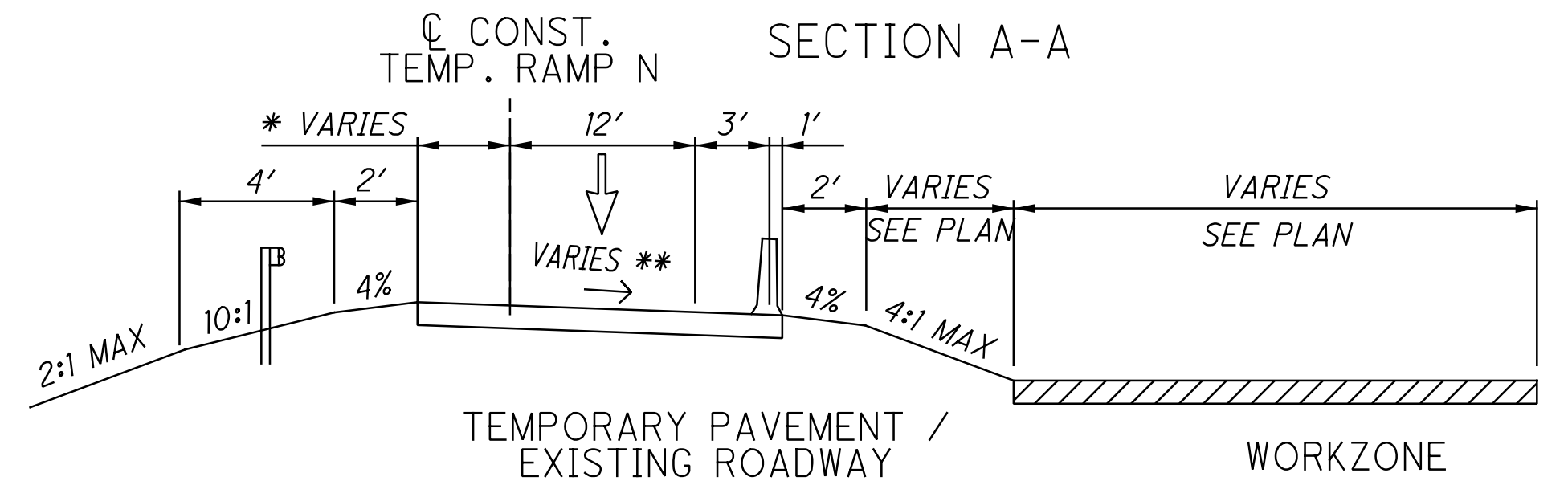
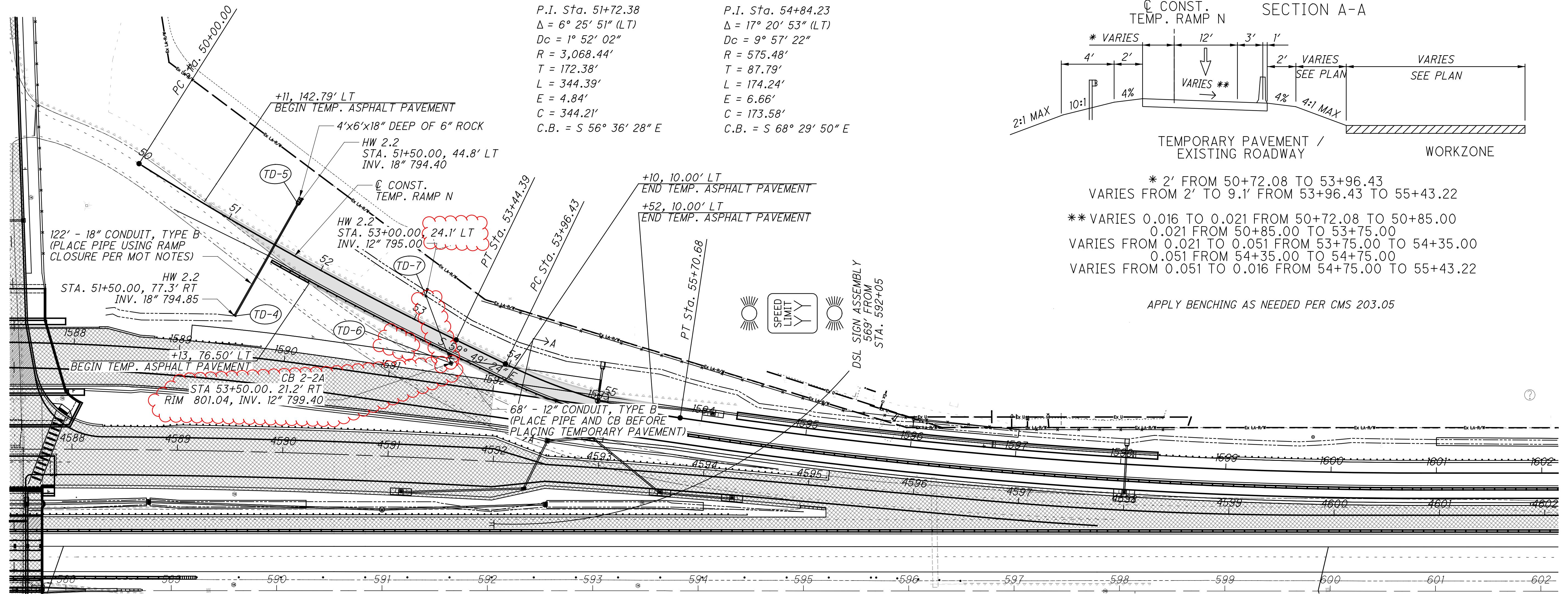


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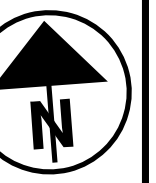
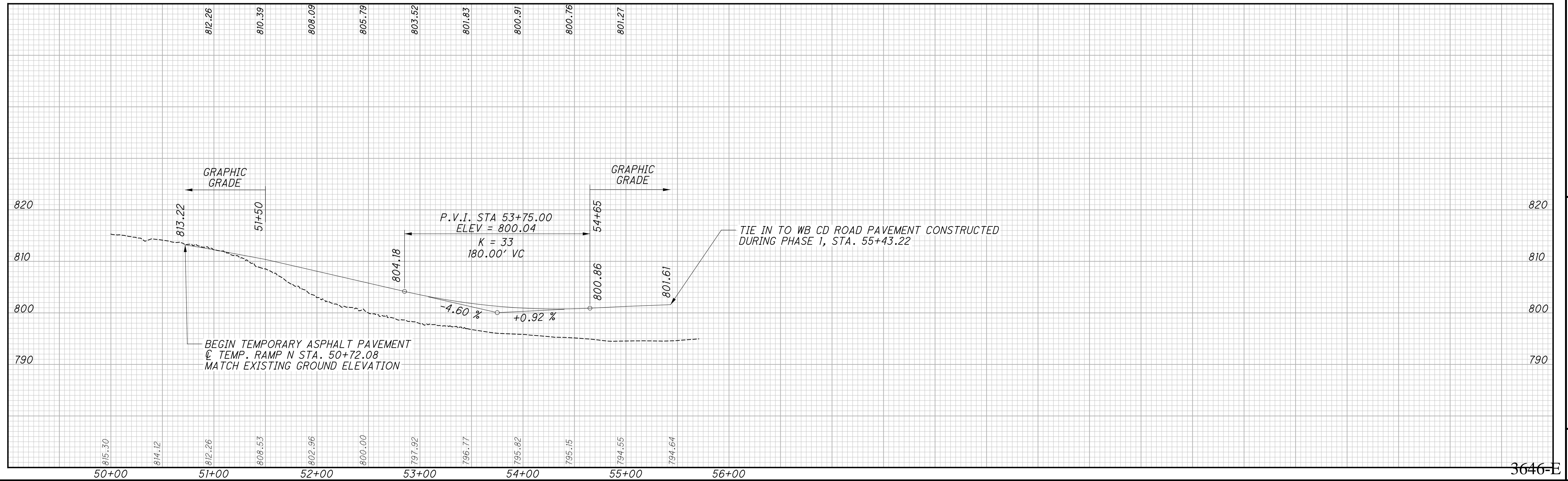


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\* 2' FROM 50+72.08 TO 53+96.43  
VARIES FROM 2' TO 9.1' FROM 53+96.43 TO 55+43.22  
\*\* VARIES 0.016 TO 0.021 FROM 50+72.08 TO 50+85.00  
0.021 FROM 50+85.00 TO 53+75.00  
VARIES FROM 0.021 TO 0.051 FROM 53+75.00 TO 54+35.00  
0.051 FROM 54+35.00 TO 54+75.00  
VARIES FROM 0.051 TO 0.016 FROM 54+75.00 TO 55+43.22

APPLY BENCHING AS NEEDED PER CMS 203.05



0 50 100  
25  
HORIZONTAL  
SCALE IN FEET

CALCULATED  
MDV  
CHECKED  
MRT

MAINTENANCE OF TRAFFIC PLAN - PHASE 2  
TEMPORARY PAVEMENT - CONST. RAMP N

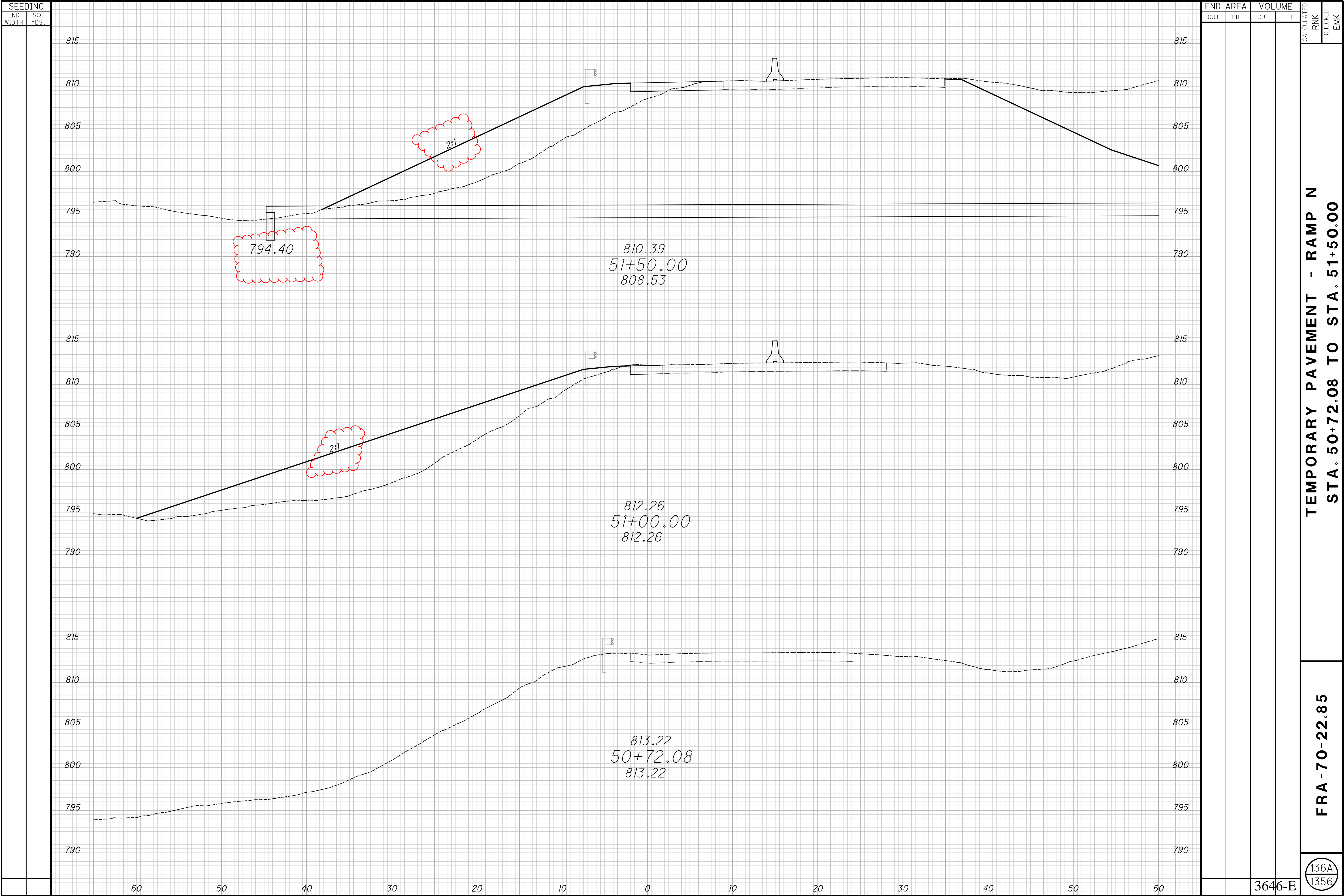
FRA-70-22.85

136  
1356

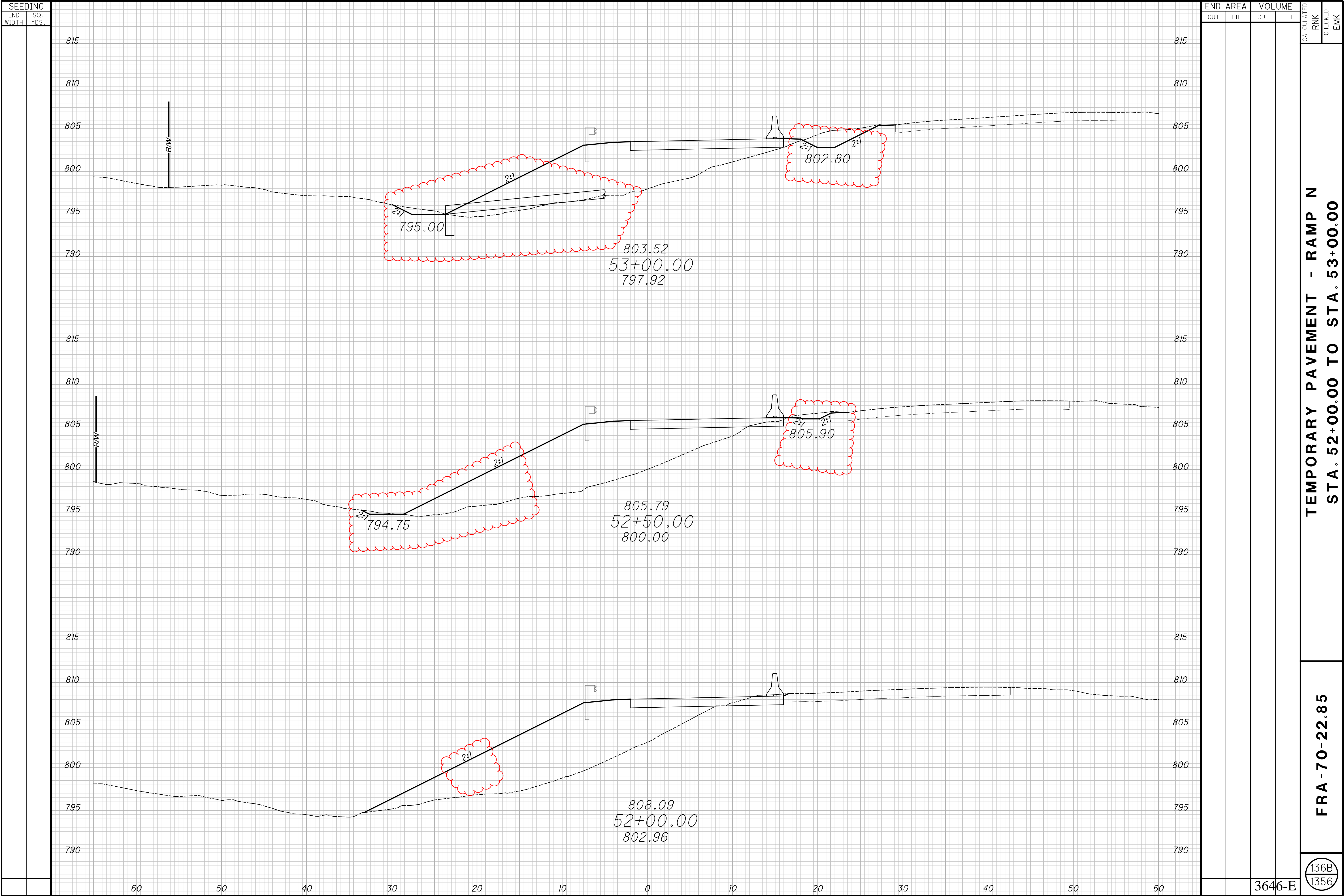
3646-E



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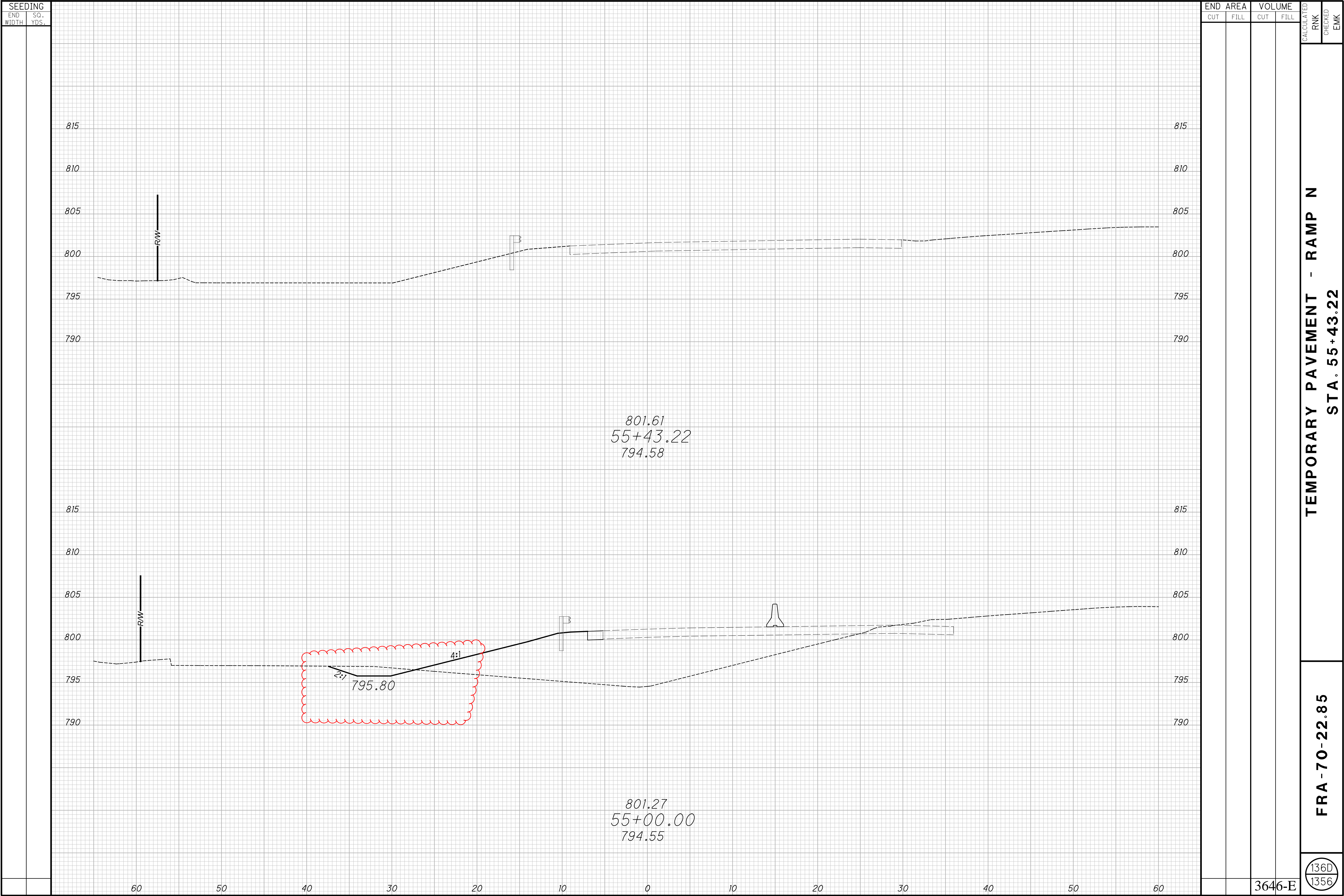
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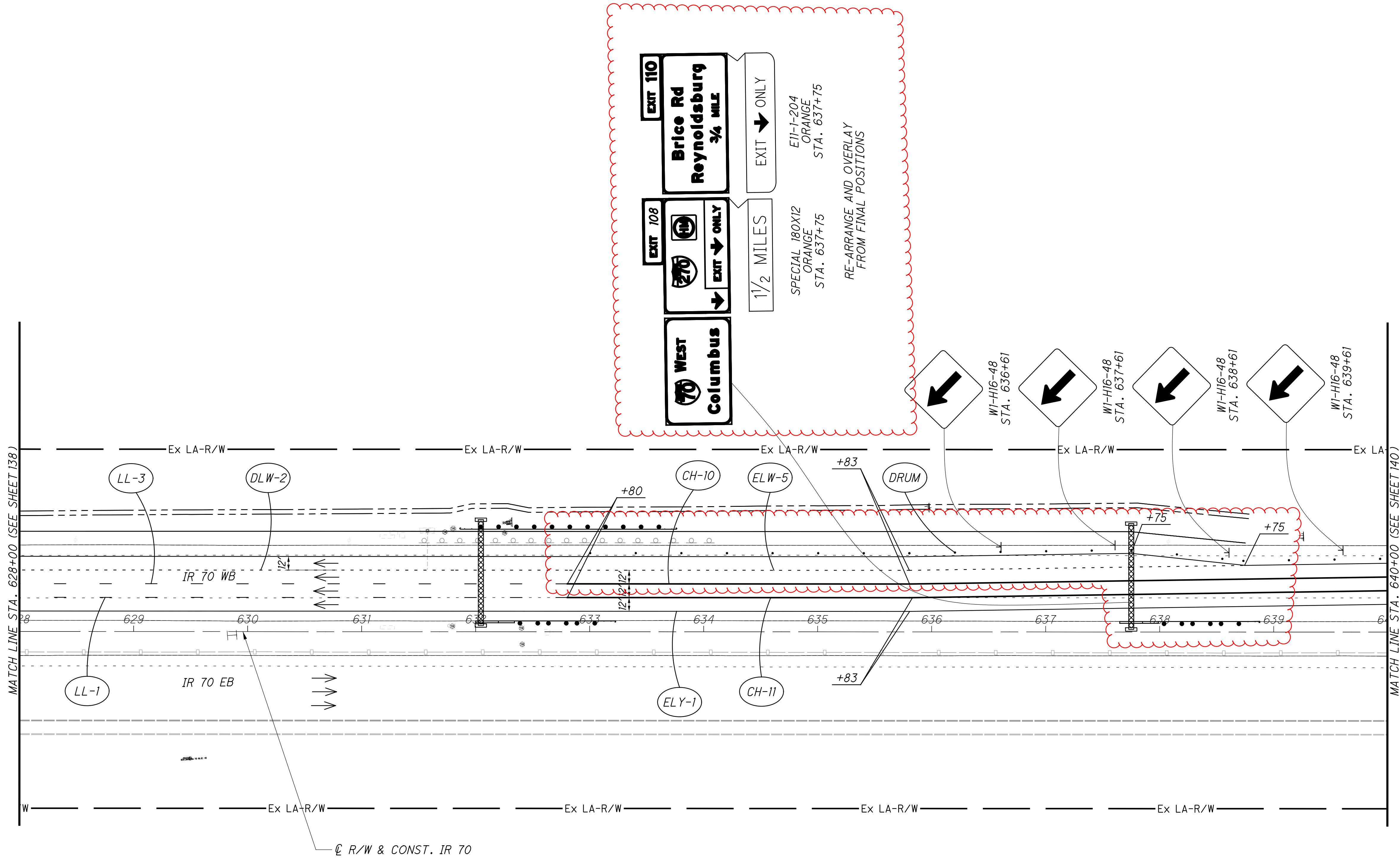
136C  
1356

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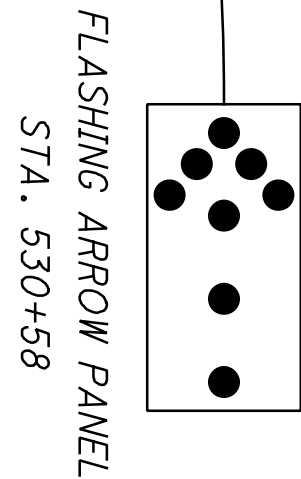
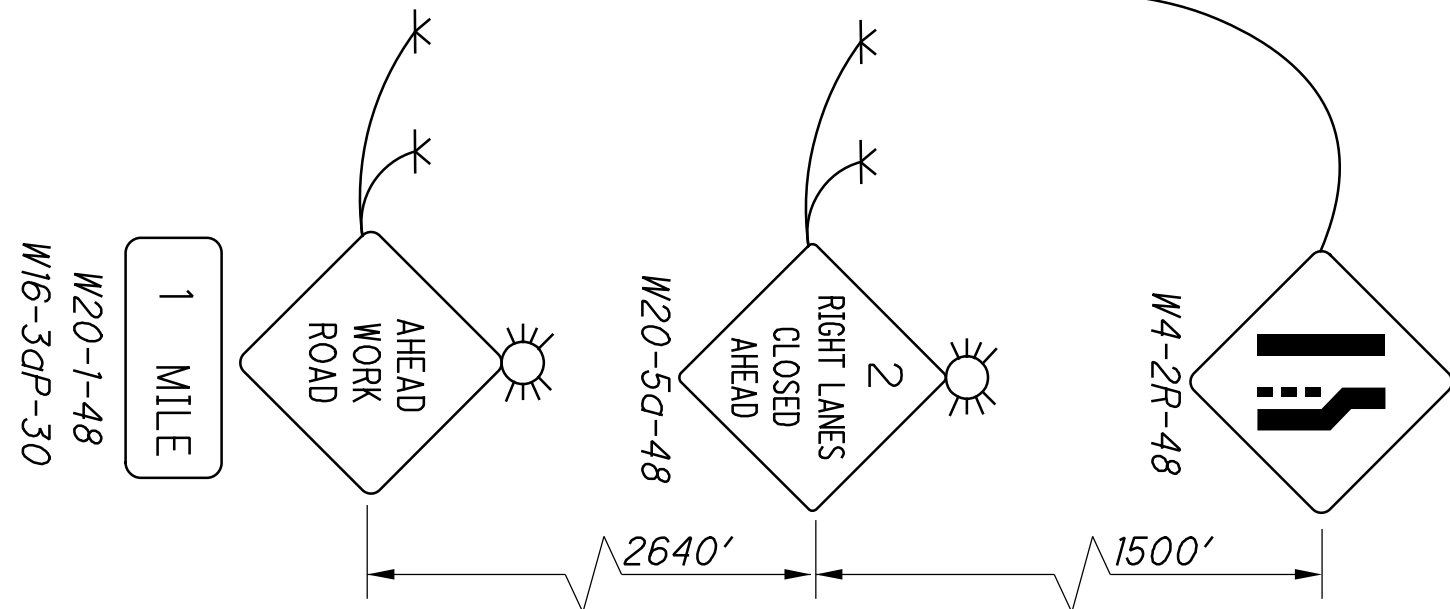
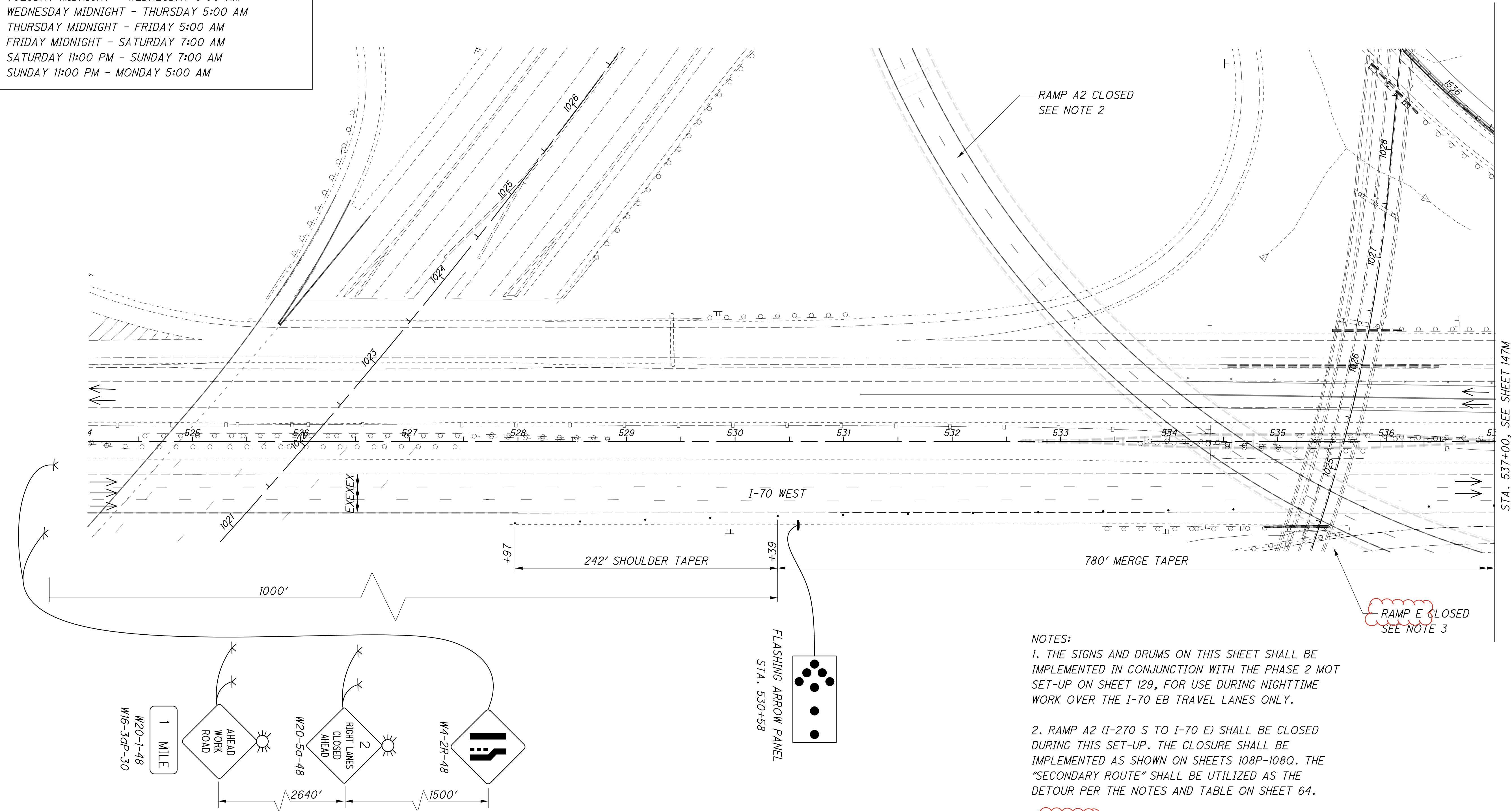
NOTES:  
1. MAINTENANCE OF TRAFFIC LEGENDS CAN BE FOUND ON SHEET 88



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PHASE 2 WORK OVER EB - MOT SUMMARY  
THE MOT SET-UP SHOWN ON SHEETS 147L-147Q SHALL BE UTILIZED FOR PHASE 2 WORK OVER THE I-70 EB TRAVEL LANES.

ALLOWABLE HOURS:  
MONDAY MIDNIGHT - TUESDAY 5:00 AM  
TUESDAY MIDNIGHT - WEDNESDAY 5:00 AM  
WEDNESDAY MIDNIGHT - THURSDAY 5:00 AM  
THURSDAY MIDNIGHT - FRIDAY 5:00 AM  
FRIDAY MIDNIGHT - SATURDAY 7:00 AM  
SATURDAY 11:00 PM - SUNDAY 7:00 AM  
SUNDAY 11:00 PM - MONDAY 5:00 AM



DRUM SPACING CHART	
TANGENT	120' c/c
TAPER	60' c/c
RADII	20' c/c

- NOTES:
1. THE SIGNS AND DRUMS ON THIS SHEET SHALL BE IMPLEMENTED IN CONJUNCTION WITH THE PHASE 2 MOT SET-UP ON SHEET 129, FOR USE DURING NIGHTTIME WORK OVER THE I-70 EB TRAVEL LANES ONLY.
  2. RAMP A2 (I-270 S TO I-70 E) SHALL BE CLOSED DURING THIS SET-UP. THE CLOSURE SHALL BE IMPLEMENTED AS SHOWN ON SHEETS 108P-108Q. THE "SECONDARY ROUTE" SHALL BE UTILIZED AS THE DETOUR PER THE NOTES AND TABLE ON SHEET 64.
  3. RAMP E (I-270 N TO I-70 E) SHALL BE CLOSED DURING THIS SET-UP. THE CLOSURE SHALL BE IMPLEMENTED PER ODOT SCD MT-98.29. THE "PRIMARY ROUTE" SHALL BE UTILIZED AS THE DETOUR PER THE NOTES AND TABLE ON SHEET 64.
  4. A LAW ENFORCEMENT OFFICER (WITH PATROL CAR) SHALL BE LOCATED AT EACH OF THE I-70/SR-317 RAMP INTERSECTIONS DURING THE RAMP A2 AND E CLOSURE.

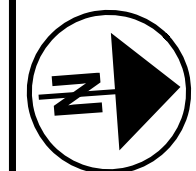
- LEGEND
- DRUM
  - ➔ DIRECTION OF TRAVEL
  - ✂ TEMPORARY SIGN SUPPORT
  - FLASHING ARROW PANEL



NOTES:  
1. FOR MAINTENANCE OF TRAFFIC LEGEND SEE SHEET 88  
2. THE TEMPORARY SIGNAL HEADS FOR THE NB AND SB MOVEMENTS ARE SHIFTED FROM PHASE 1 SHEET 116 AS SHOWN BY THE DIMENSIONS IN THIS SHEET.

DETECTION CHART			
Detection Zone (#)	Phase	Delay Data	
		Delay (Sec.)	Inhibit Delay During Green
Z2A	Ø2	3	2
Z2B	Ø2	5	2

- LEGEND
- DIRECTION OF TRAVEL
  - WORK AREA
  - EXISTING SIGNAL POLE
  - EXISTING VEHICULAR SIGNAL HEAD
  - DETECTION ZONE
  - PROPOSED VEHICULAR SIGNAL HEAD



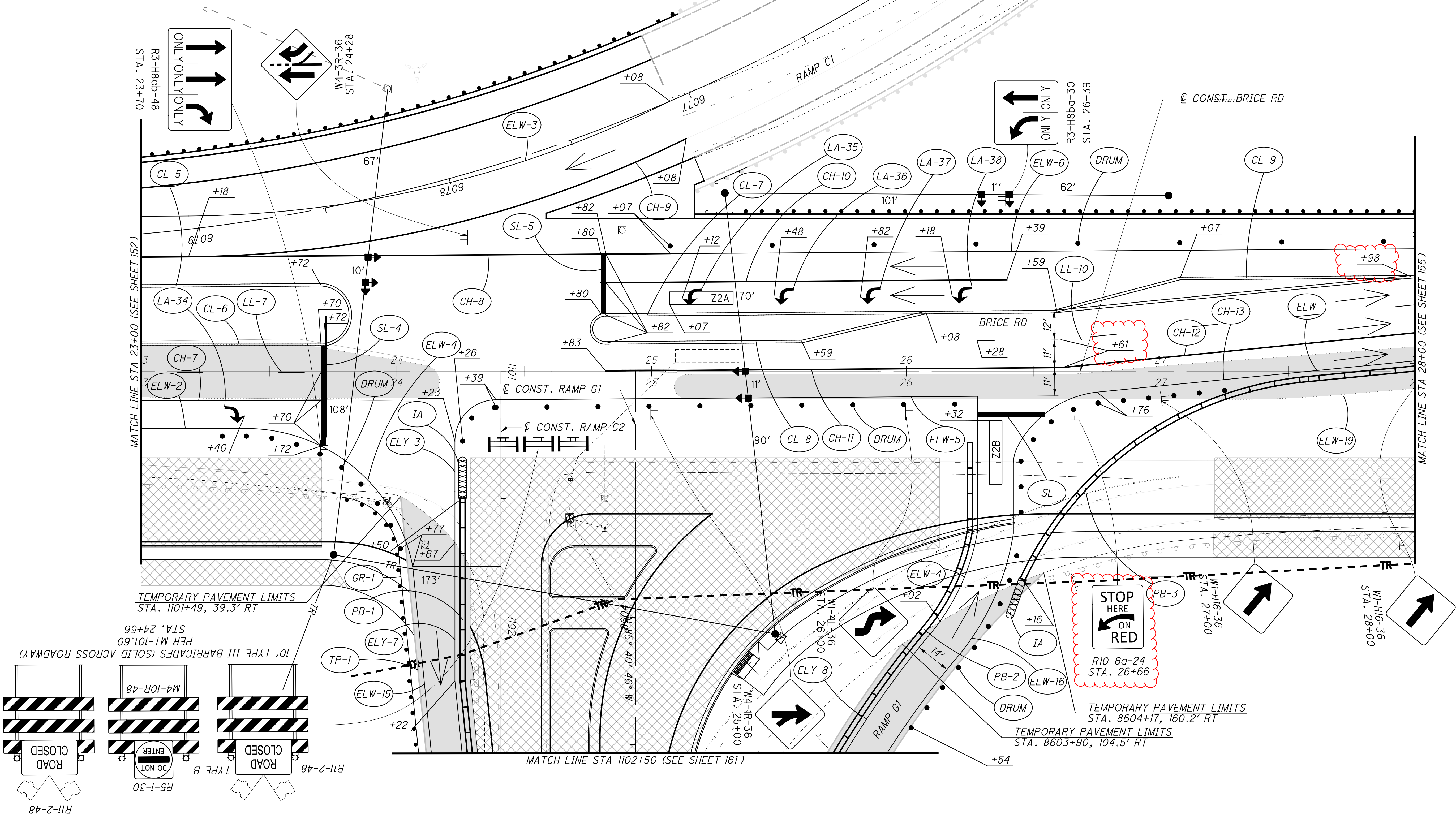
CALCULATED  
RML  
CHECKED  
JTP

MAINTENANCE OF TRAFFIC PLAN - PHASE 2  
STA. 23+00 TO STA. 28+00

FRA-70-22.85

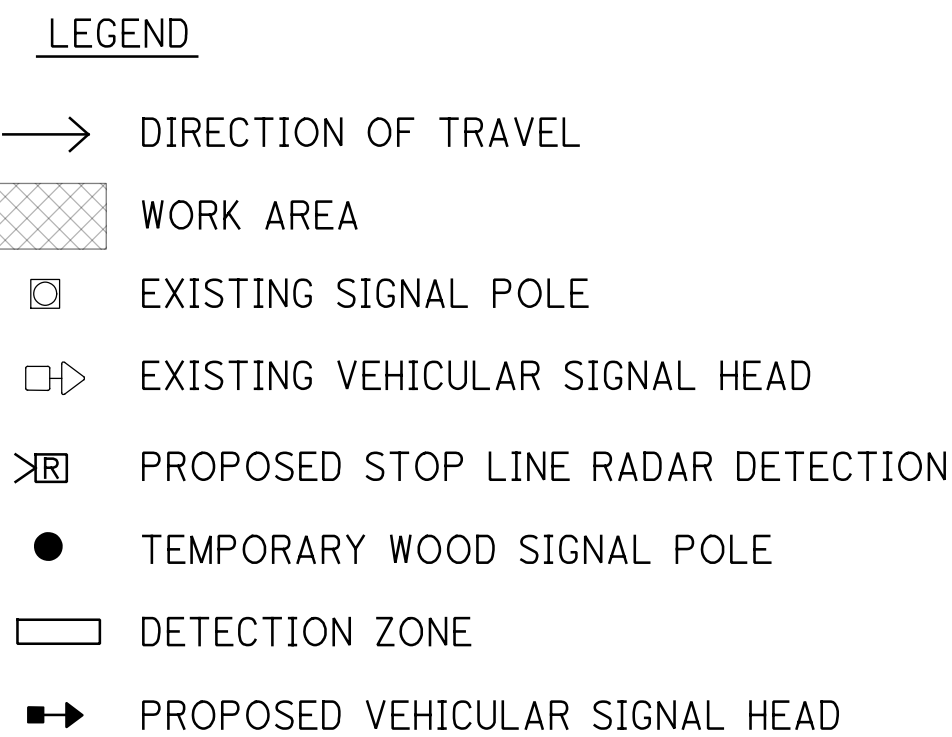
153  
1356

3646-E





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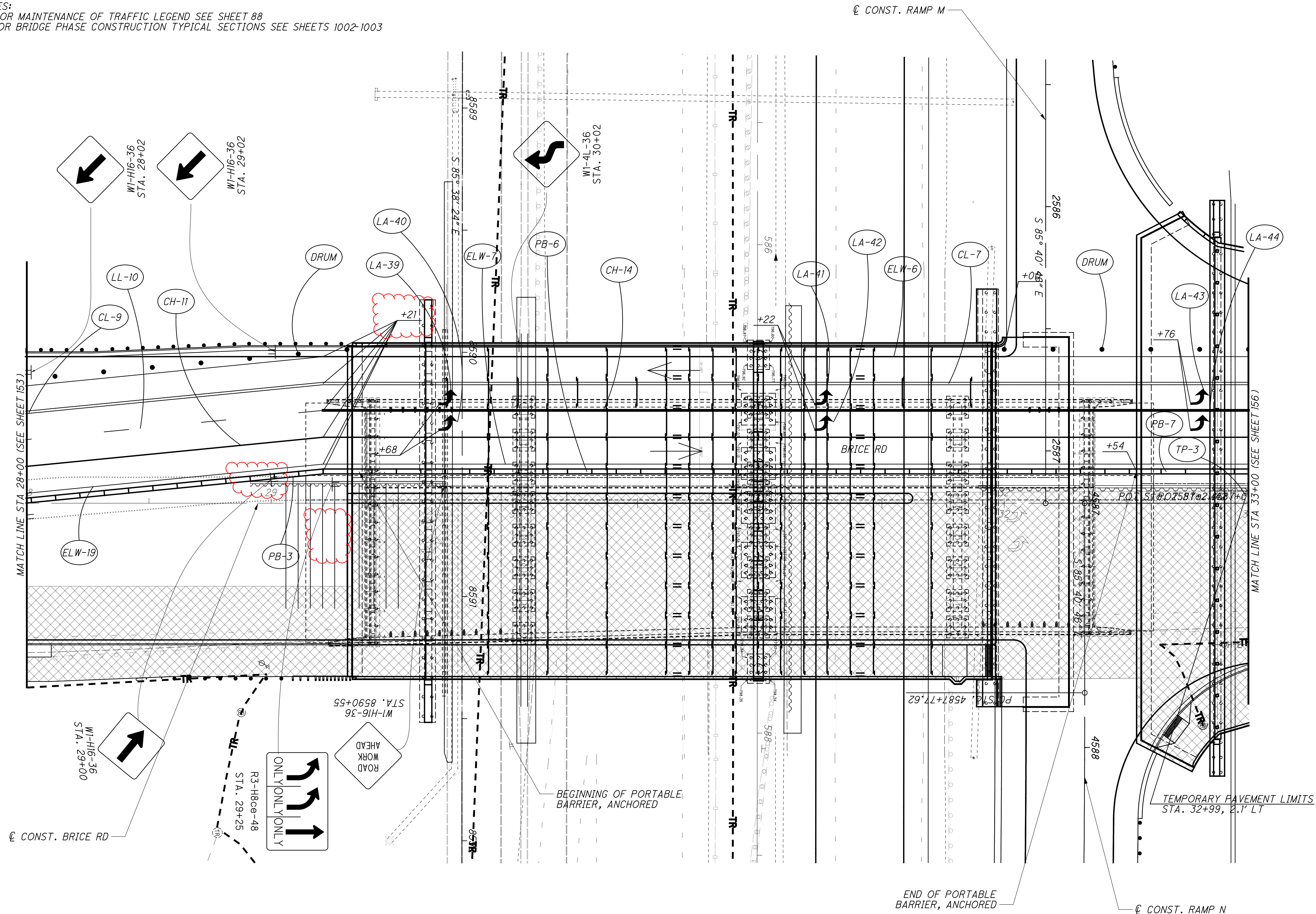


FRA-70-22.85

154  
1356



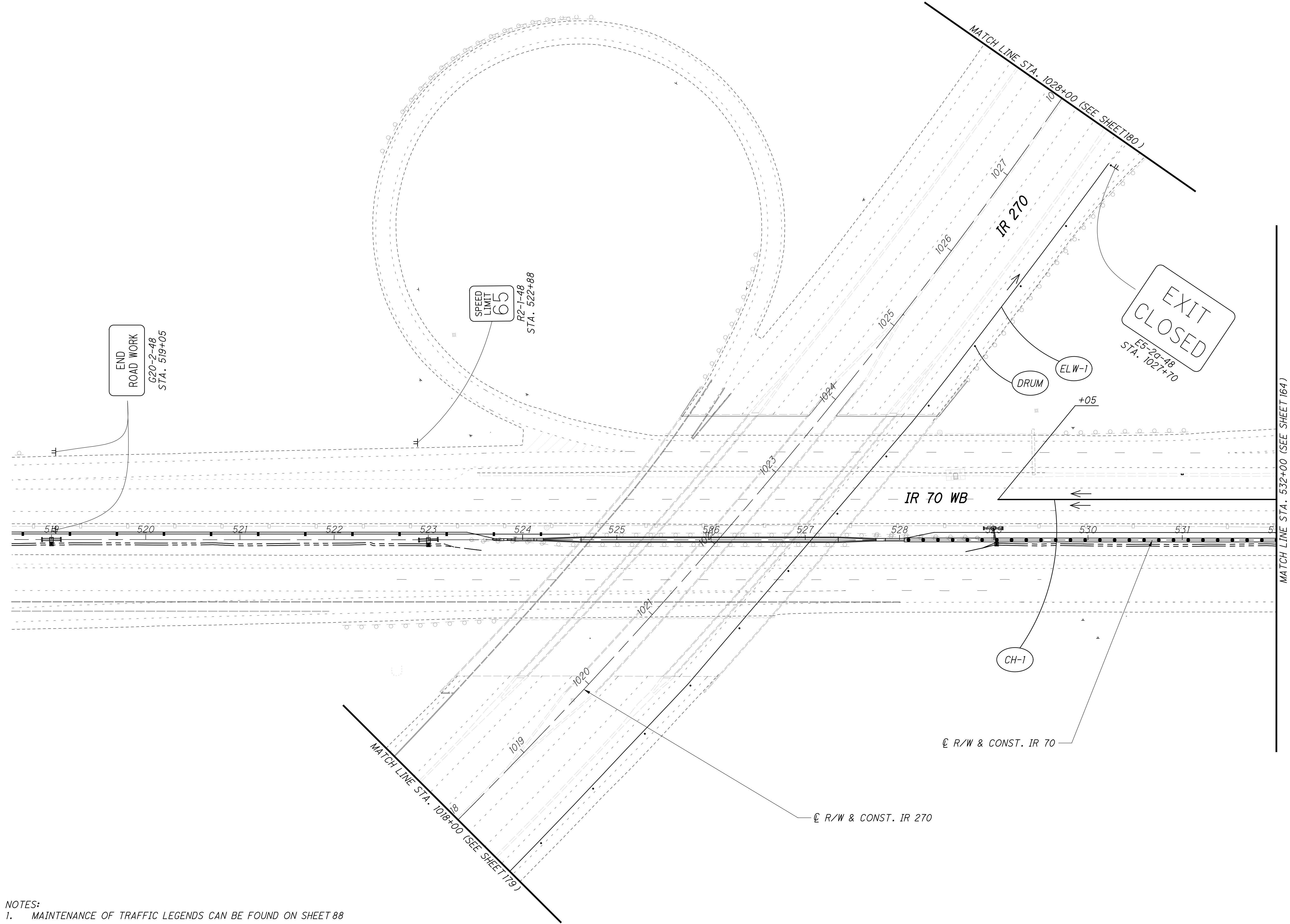
- NOTES:  
1. FOR MAINTENANCE OF TRAFFIC LEGEND SEE SHEET 88  
2. FOR BRIDGE PHASE CONSTRUCTION TYPICAL SECTIONS SEE SHEETS 1002-1003







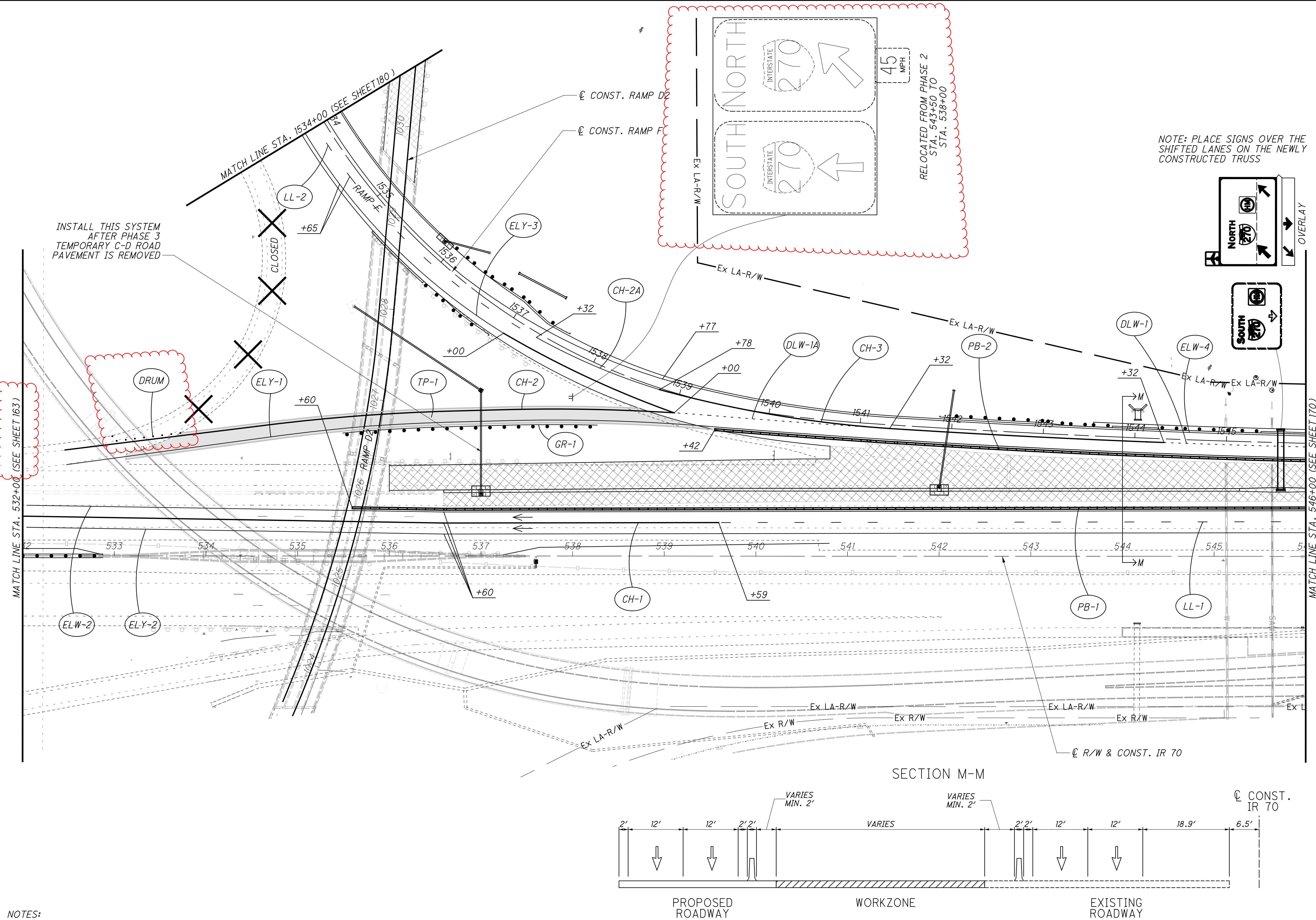




NOTES:  
1. MAINTENANCE OF TRAFFIC LEGENDS CAN BE FOUND ON SHEET 88



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NOTES:  
1. MAINTENANCE OF TRAFFIC LEGENDS CAN BE FOUND ON SHEET 88

164

1356

FRA-70-22.85

MAINTENANCE OF TRAFFIC PLAN - PHASE 3

STA 532+00 TO STA. 546+00

CALCULATED  
JZM

CHECKED  
EMK

0

25

50

100

HORIZONTAL  
SCALE IN FEET

↑

N

3646-E



J:\20170913\OD01\FRA\98232\_FRA\_70\Design\Roadway\Sheets\98232.GG00.dgn 1/23/2025 3:09:33 PM sbed

SHEET NUM.								PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED TGW	CHECKED	SUB
67								01/NHS/03	06/S>2/03									
										611	99654	5	EACH	SANITARY SEWER				
														MAINTENANCE OF TRAFFIC				
213								213		411	10000	213	CY	STABILIZED CRUSHED AGGREGATE				
3								3		601	32200	3	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER				
1.4								1.4		602	20000	1.4	CY	CONCRETE MASONRY				
1,346								858	488	606	15050	1,346	FT	GUARDRAIL, TYPE MGS				
1								1		606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016)				
3								2	1	606	26500	3	EACH	ANCHOR ASSEMBLY, TYPE T				
46								46		611	04400	46	FT	12" CONDUIT, TYPE B				
224								224		611	05900	224	FT	15" CONDUIT, TYPE B				
122								122		611	07400	122	FT	18" CONDUIT, TYPE B				
2								2		611	98450	2	EACH	CATCH BASIN, NO. 2-2A				
2,000								2,000		614	11110	2,000	HOURL	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	65			
6								6		SPECIAL	61411300	6	EACH	WORK ZONE TRAFFIC SIGNAL	64			
46,466								46,466		614	11630	46,466	FT	INCREASED BARRIER DELINEATION	65			
46								46		614	12380	46	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)				
LS								LS		614	12420	LS		DETOUR SIGNING				
42								42		614	12484	42	EACH	WORK ZONE INCREASED PENALTIES SIGN	61			
50								50		614	12500	50	EACH	REPLACEMENT SIGN	60			
300								300		614	12600	300	EACH	REPLACEMENT DRUM	60			
2,116								2,116		614	12801	2,116	EACH	WORK ZONE RAISED PAVEMENT MARKER, AS PER PLAN	62			
1,057								1,057		614	13310	1,057	EACH	BARRIER REFLECTOR, TYPE 1, ONE-WAY	65			
1,064								1,064		614	13312	1,064	EACH	BARRIER REFLECTOR, TYPE 2, ONE-WAY	65			
3,915								3,915		614	13350	3,915	EACH	OBJECT MARKER, ONE WAY	63			
224								224		614	18601	224	SNMT	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	61			
15.47								15.47		614	20056	15.47	MILE	WORK ZONE LANE LINE, CLASS I, 6", 807 PAINT				
16.63								15.27	1.36	614	22056	16.63	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT, WHITE				
16.33								14.94	1.39	614	22056	16.33	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 807 PAINT, YELLOW				
41,474								41,420	54	614	23110	41,474	FT	WORK ZONE CHANNELIZING LINE, CLASS I, 12", 807 PAINT				
10,903								10,903		614	24102	10,903	FT	WORK ZONE DOTTED LINE, CLASS I, 6", 807 PAINT				
364								364		614	27070	364	FT	WORK ZONE CROSSWALK LINE, CLASS I, 12", 740.06, TYPE I				
4									4	614	31200	4	EACH	WORK ZONE WORD ON PAVEMENT, 72", CLASS I, 642 PAINT				
8									8	614	31650	8	EACH	WORK ZONE WORD ON PAVEMENT, 96", CLASS I, 642 PAINT				
3.64									3.64	614	98000	3.64	MILE	WORK ZONE PAVEMENT MARKING, MISC.:LANE LINE, CLASS I, 6" 642 PAINT	60			
2.89									2.89	614	98000	2.89	MILE	WORK ZONE PAVEMENT MARKING, MISC.:CENTER LINE, CLASS I, 6" 642 PAINT, DOUBLE SOLID	60			
4									4	614	98000	4	MILE	WORK ZONE PAVEMENT MARKING, MISC.:EDGE LINE, CLASS I, 6", 642 PAINT, WHITE	60			
1.47									1.47	614	98000	1.47	MILE	WORK ZONE PAVEMENT MARKING, MISC.:EDGE LINE, CLASS I, 6", 642 PAINT, YELLOW	60			
21,813									21,813	614	98100	21,813	FT	WORK ZONE PAVEMENT MARKING, MISC.:CHANNELIZING LINE, CLASS I, 12" PAINT	60			
3,380									3,380	614	98100	3,380	FT	WORK ZONE PAVEMENT MARKING, MISC.:DOTTED LINE, CLASS I, 6", 642 PAINT, WHITE	60			
422									422	614	98100	422	FT	WORK ZONE PAVEMENT MARKING, MISC.:DOTTED LINE, CLASS I, 6", 642 PAINT, YELLOW	60			
1,103									1,103	614	98100	1,103	FT	WORK ZONE PAVEMENT MARKING, MISC.:WORK ZONE STOP LINE, 24", 642 PAINT	60			
163									163	614	98200	163	EACH	WORK ZONE PAVEMENT MARKING, MISC.:ARROW, CLASS I, 642 PAINT	60			
3								3		614	98200	3	EACH	WORK ZONE PAVEMENT MARKING, MISC.:LANE REDUCTION ARROW, CLASS I, 642 PAINT	60			
8								8		614	98200	8	EACH	WORK ZONE PAVEMENT MARKING, MISC.:ROUTE SHIELD SYMBOL, CLASS 1, 814 HEAT-FUSED PREFORMED THERMOPLASTIC				
LS								LS	LS	615	10000	LS		ROADS FOR MAINTAINING TRAFFIC				
1,359								1,359		615	20001	1,359	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	66			
11,829								4,111	7,718	615	25000	11,829	SY	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B				
737									737	616	10000	737	MGAL	WATER	60			
13,127									13,127	618	40101	13,127	FT	RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE), AS PER PLAN	65			
1									1	622	41060	1	EACH	DUAL PORTABLE BARRIER TRANSITION/TERMINATION				
1,510									1,510	622	41011	1,510	FT	PORTABLE BARRIER, 50", AS PER PLAN	66			
51,076								39,620	11,456	622	41100	51,076	FT	PORTABLE BARRIER, UNANCHORED				
491									491	622	41110	491	FT	PORTABLE BARRIER, ANCHORED				
120									120	808	18700	120	SNMT	DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY	60			
12									12	829	00100	12	SNMT	WORK ZONE EGRESS WARNING SYSTEM	65			
														INCIDENTALS				
								LS		108	10000	LS		CPM PROGRESS SCHEDULE				
								5,500		SPECIAL	11110100	5,500	EACH	DEPARTMENTS SHARE FACILITATED PARTNERING COSTS				
								LS		614	11000	LS		MAINTAINING TRAFFIC	59			
								35		619	16020	35	MNTH	FIELD OFFICE, TYPE C				
								LS		623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING				
								LS		624	10000	LS		MOBILIZATION				

GENERAL SUMMARY

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