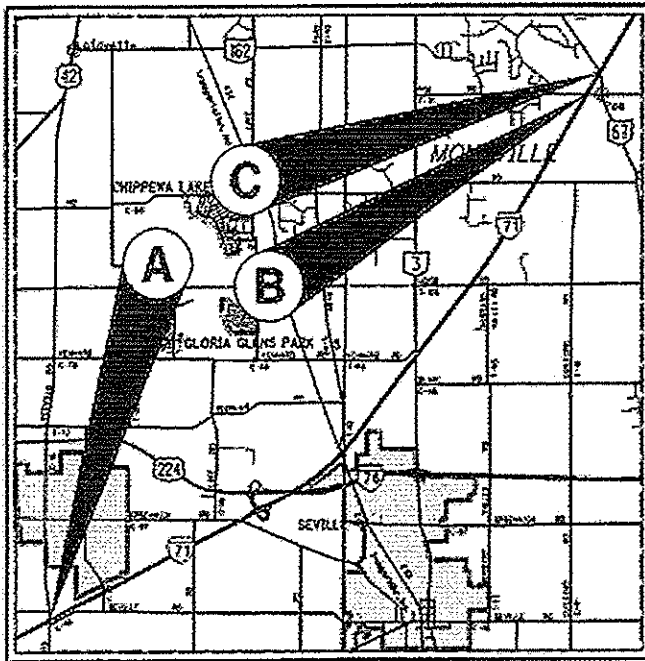


STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

D03-BH-FY2012(A)
MEDINA COUNTY



LOCATION MAP

SCALE IN MILES



STRUCTURE	LATITUDE	LONGITUDE
A. MED-71-0497	N 41°0'40"	W 81°56'28"
B. MED-71-1330	N 41°5'30"	W 81°48'43"
C. MED-57-0900	N 41°5'41"	W 81°49'34"

INDEX OF SHEETS:

TITLE SHEET	1
GENERAL NOTES	2
MAINTENANCE OF TRAFFIC NOTES	3-4
GENERAL SUMMARY	5
MED-71-0497	6-8
MED-71-1330	9
MED-57-0900	10-11

PROJECT DESCRIPTION

BRIDGE MAINTENANCE ITEMS INCLUDING A CONCRETE DECK OVERLAY, EXPANSION JOINTS, PARAPET SEALING, VARIOUS CONCRETE REPAIRS, AND APPROACH ASPHALT PAVEMENT.

MAINTENANCE PROJECT

PROJECT EARTH DISTURBED AREA: N/A ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2010 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON SHEETS 3-4.

D03 - VA-BH-FY2012(A)
110540 PID - 80188
Dist 3 10/20/2011

Contract Proposal available
@www.contracts.dot
state.oh.us/home

FEDERAL PROJECT NO.
E100104

PID NO.
80188

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

D03-BH-FY2012(A)

11

UNDERGROUND UTILITIES

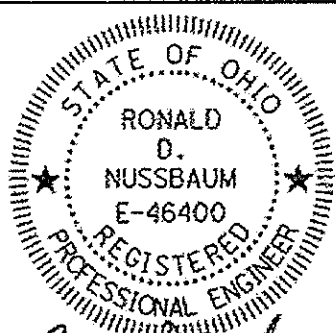
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
SERVICE CALL: 1-800-925-0988

PLAN PREPARED BY:
ODOT DISTRICT 3
OFFICE OF PRODUCTION
906 N. CLARK AVENUE
ASHLAND, OHIO 44805

ENGINEER'S SEAL:



SIGNED: *Ronald D. Nussbaum*
DATE: 6-10-11

STANDARD CONSTRUCTION DRAWINGS

NO.	DATE	DESCRIPTION	DATE	BY	REVISIONS
BP-3.1	10/18/07	TC-41.20	1/19/01		
		TC-42.20	1/21/11		
EXJ-4-87	7/19/02	TC-52.10	1/18/07		
GSD-1-96	7/18/02	TC-52.20	1/18/07		
		TC-73.10	1/19/01		
WT-35.10	4/20/01				
WT-65.30	7/11/09				
WT-65.50	4/17/09				
WT-67.10	10/15/10				
WT-67.12	10/15/10				
WT-101.60	4/17/09				
WT-105.10	1/16/09				

SUPPLEMENTAL SPECIFICATIONS

800	7/15/11
848	1/21/11

SPECIAL PROVISIONS

APPROVED: *Allen C. Bredt*
DATE: 6-10-11 DISTRICT DEPUTY DIRECTOR

APPROVED: *Ferry Wang*
DATE: 7-1-11 DIRECTOR, DEPARTMENT OF TRANSPORTATION

UTILITIES

THERE ARE NO UNDERGROUND UTILITIES SHOWN ON THIS PLAN. THE NATURE OF THE WORK REQUIRED BY THIS PROJECT WILL NOT AFFECT ANY KNOWN UNDERGROUND UTILITIES THAT EXIST UNDER OR ADJACENT TO THE WORK AREA.

EXISTING PLANS

THE FOLLOWING EXISTING PLANS MAY BE INSPECTED IN THE ODOT DISTRICT 3 OFFICE IN ASHLAND, OHIO.

MED-71-1.42 (1957)	WAY-71-0.12 (1984)
MED-71-10.09 (1957)	MED-57-3.24 (2004)
ASD-71-0.00 (1978)	MED-71-9.56 (2005)
MED-71-8.26 (1984)	DO3-VANDAL FENCE FY2007

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURES HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURES AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURES AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO CMS SECTIONS 102.05, 105.02 AND 513.04.

BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURES. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS WHICH HAVE BEEN VERIFIED IN THE FIELD.

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING:

- EXJ-4-87 REVISED 7/19/02
- GSD-1-96 REVISED 7/19/02

AND TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

- 848 DATED 1/21/11

DESIGN SPECIFICATIONS

DESIGN SPECIFICATIONS: THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2002, INCLUDING THE 2003-2007 INTERIM SPECIFICATIONS AND THE ODOT BRIDGE DESIGN MANUAL.

DESIGN DATA

- CONCRETE CLASS S - COMPRESSIVE STRENGTH 4500 PSI (SUPERSTRUCTURE)
- CONCRETE CLASS C - COMPRESSIVE STRENGTH 4000 PSI (SUBSTRUCTURE)
- REINFORCING STEEL - ASTM A615 OR A996, GRADE 60, MINIMUM YIELD STRENGTH 60,000 PSI

DECK PROTECTION METHOD

SUPERPLASTICIZED DENSE OVERLAY

ITEM 202. PORTIONS OF STRUCTURE REMOVED, AS PER PLAN

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAMS WILL NOT BE PERMITTED. THE METHOD OF REMOVAL SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE OR DAMAGE THE EXISTING REINFORCING STEEL TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING TO CMS 501.05.

CUT LINE CONSTRUCTION JOINT PREPARATION: SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS 1 INCH DEEP. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING REINFORCING STEEL, IF REQUIRED IN THE PLANS, IN PLACE. PRIOR TO CONCRETE PLACEMENT. ABRASIVELY CLEAN JOINT SURFACES AND EXISTING EXPOSED REINFORCEMENT TO REMOVE LOOSE AND DISINTEGRATED CONCRETE AND LOOSE RUST. THOROUGHLY CLEAN THE JOINT SURFACE AND EXPOSED REINFORCEMENT OF ALL DIRT, DUST, RUST OR OTHER FOREIGN MATERIAL BY THE USE OF WATER, AIR UNDER PRESSURE, OR OTHER METHODS THAT PRODUCE SATISFACTORY RESULTS. EXISTING REINFORCING STEEL DOES NOT HAVE TO HAVE A BRIGHT STEEL FINISH, BUT REMOVE ALL PACK AND LOOSE RUST. THOROUGHLY DRENCH EXISTING CONCRETE SURFACES WITH CLEAN WATER AND ALLOW TO DRY TO A DAMP CONDITION BEFORE PLACING CONCRETE.

PAYMENT FOR ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK SHALL BE INCLUDED IN THE UNIT PRICE BID PER CUBIC YARD OF ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.

ITEM 511. CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR/RECONSTRUCTION)

ITEM 511. CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR

ITEM 511. CLASS C CONCRETE, ABUTMENT, AS PER PLAN (REPAIR/RECONSTRUCTION)

ITEM 519. PATCHING CONCRETE STRUCTURE, AS PER PLAN

ITEM 848. SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN

ITEM 848. SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS). MATERIAL ONLY, AS PER PLAN

EACH ITEM SHALL BE USED AT THE LOCATIONS INDICATED IN THE PLANS.

THE COARSE AGGREGATE SHALL BE LIMESTONE.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID FOR EACH OF THE ABOVE ITEMS WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM SPECIAL. BRIDGE DECK GROOVING

THE BRIDGE DECK GROOVING SHALL MEET CMS 511.20.

THE BRIDGE DECK GROOVING SHALL BE DONE PRIOR TO OPENING TO TRAFFIC.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID FOR THE ABOVE ITEM WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 516. STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN

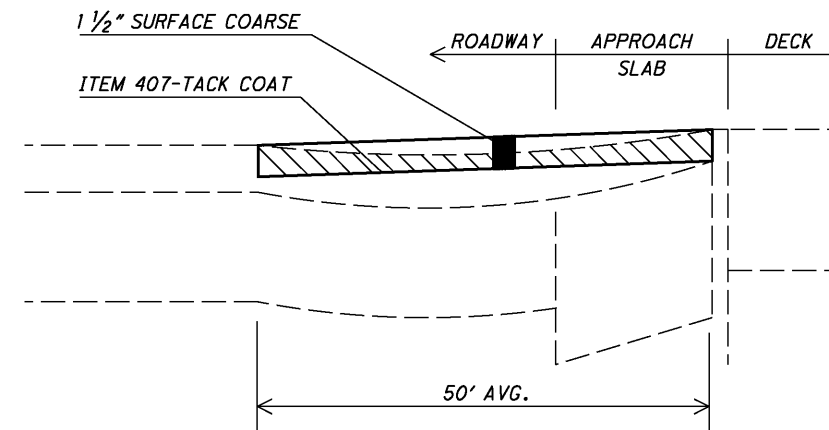
THIS ITEM SHALL BE USED ON STRUCTURE MED-57-0900. THE WORK INCLUDES TRIMMING EXISTING CROSSFRAME ANGLES AS NEEDED FOR PROPOSED MC 12X45 CHANNELS TO BE WELDED TO EXISTING PLATES. SEE DETAILS ON SHEET 11.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID FOR THE ABOVE ITEM WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 407. TACK COAT

AS PER 407.06 THE APPLICATION RATE SHALL BE 0.08 GAL. PER SQ. YD. FOR ESTIMATING PURPOSES ONLY. THE RATE OF APPLICATION SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. A COMPLETE PAVEMENT SURFACE COVERAGE SHALL BE REQUIRED. AREAS OF TACK STRIPPED BY CONSTRUCTION EQUIPMENT OR TRAFFIC SHALL BE RE-COATED PRIOR TO PLACING ASPHALT CONCRETE. ALL COSTS AS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID PER GALLON FOR ITEM 407, TACK COAT.

ASHPALT CONCRETE APPROACH DETAILS



APPROACH PROFILE (MED-71-0497, MED-57-0900)

ASPHALT CONCRETE TRANSITIONS SHALL BE REPAIRED AS FOLLOWS:

- A. DETERMINE FINAL GRADE LINE BY EXTENDING A STRAIGHT LINE FROM THE TOP OF THE CONCRETE BACKWALL REPAIR TO A POINT 50 FT AWAY ON TOP OF THE APPROACH PAVEMENT.
- B. REMOVE ASPHALT CONCRETE EXACTLY 1 1/2" INCHES BELOW THE FINAL GRADE.
- C. PLACE ITEM 407 TACK COAT AND ITEM 442 ASPHALT CONCRETE SURFACE COURSE TO DESIRED GRADE.
- D. THE ASPHALT TRANSITIONS SHALL BE CONSIDERED UNACCEPTABLE IF THE FINAL GRADE VARIES FROM THE DESIRED STRAIGHT GRADE BY GREATER THAN 0.375 INCHES ANYWHERE THROUGHOUT THE LENGTH OF THE TRANSITION. THIS TOLERANCE IS REDUCED TO 0.25 INCHES FOR THE FIRST 5 FT ADJACENT TO AN EXPANSION JOINT.

DESIGN FILE: \\projects\80188\structures\80188\801.dgn
WORKSTATION: yaryanh
DATE: 6/10/2011
MODELNAME: Sheet

CALCULATED
CHECKED

GENERAL NOTES

D03-BH-FY2012(A)

MAINTAINING TRAFFIC - WESTFIELD ROAD

TWO-WAY TRAFFIC ALONG WESTFIELD ROAD SHALL BE MAINTAINED AT ALL TIMES, EXCEPT THAT THROUGH TRAFFIC ON STRUCTURE MED-71-0497 WILL BE DETOURED AS SHOWN ON THIS SHEET FOR A MAXIMUM OF 14 CONSECUTIVE CALENDAR DAYS. THE 14 DAYS SHALL BE CONSIDERED AS AN INTERIM COMPLETION DATE (SECTION 108), AND FOR EACH CALENDAR DAY BEYOND THE 14 DAYS THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES AS PER 108.07.

THE CONTRACTOR SHALL NOTIFY THE ROADWAY SERVICES MANAGER, IN WRITING, A MINIMUM OF 14 DAYS IN ADVANCE OF THE WESTFIELD ROAD DETOUR BEING PLACED.

THE CONTRACTOR SHALL ALSO NOTIFY, IN WRITING, THE FOLLOWING AGENCIES AT LEAST 14 DAYS PRIOR TO THE TIME WHEN THE WESTFIELD ROAD DETOUR WILL BE IMPLEMENTED:

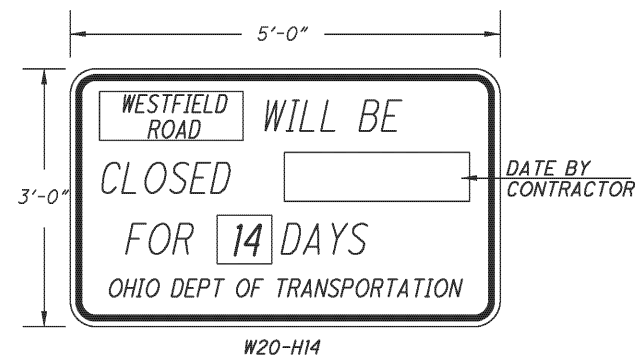
- MEDINA COUNTY ENGINEER
- WESTFIELD TOWNSHIP TRUSTEES
- LOCAL FIRE DEPARTMENT
- LOCAL SCHOOL DISTRICT
- MEDINA COUNTY SHERIFF

THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE THE WESTFIELD ROAD DETOUR SIGNING AS DETAILED ON THIS SHEET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE GATES AND BARRICADES AT THE END OF THE WORK AREA AND THE ADVANCE WARNING SIGNS AS SHOWN ON STANDARD CONSTRUCTION DRAWING MT-101.60.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 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 SEPARATELY ITEMIZED IN THE PLAN.

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE FOR WESTFIELD ROAD. THE SIGNS SHALL BE ERECTED ON THE RIGHT HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE LOCATED IN THE FIELD SO AS NOT TO INTERFERE WITH ANY PERMANENT SIGNS. ON THIS PROJECT THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614, MAINTAINING TRAFFIC, AND SHALL INCLUDE FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE SIGNS INCLUDING SUPPORTS.

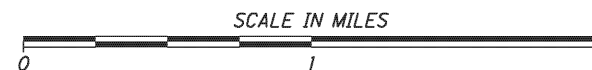
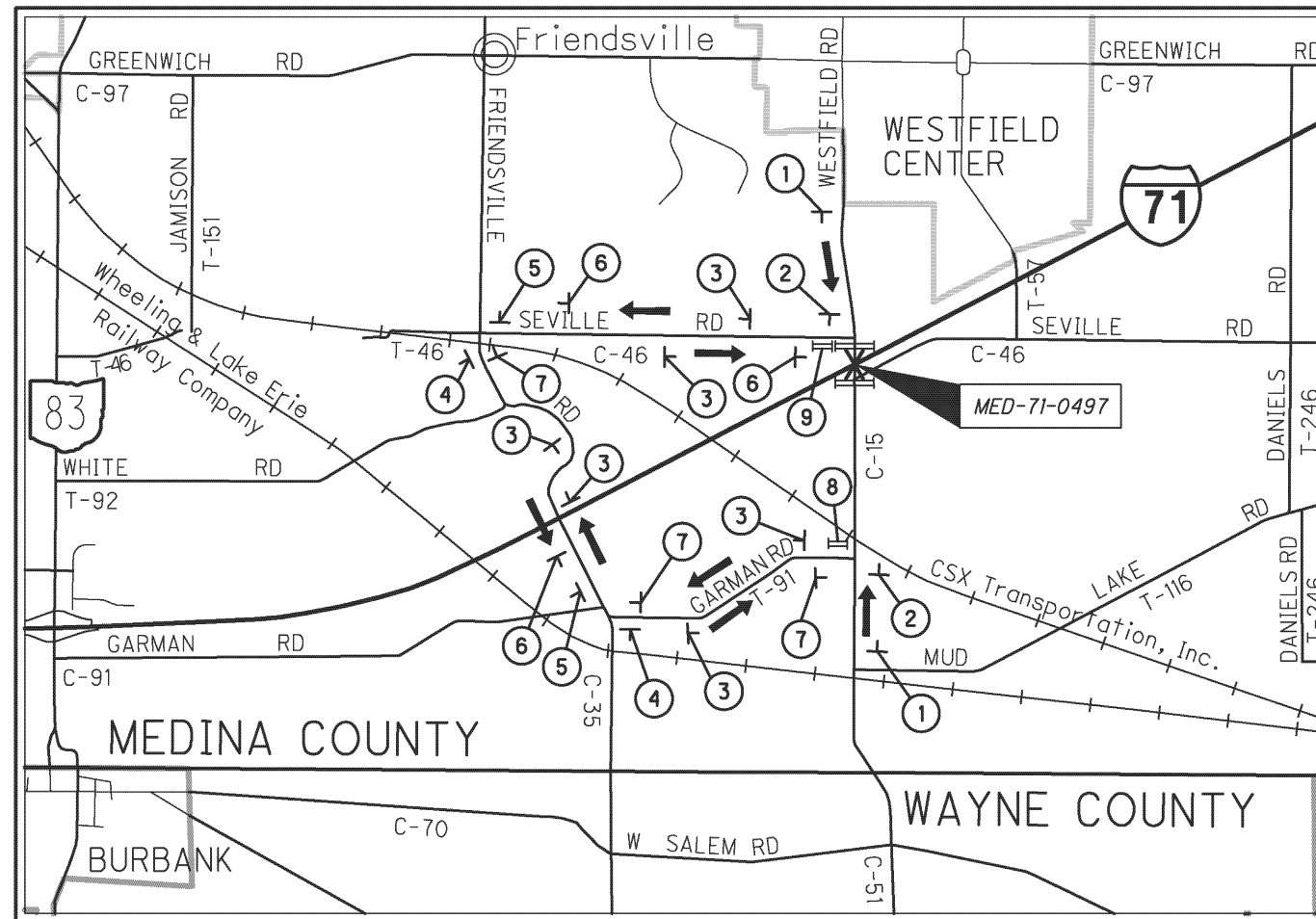


DETOUR SIGNING

THE FOLLOWING QUANTITY IS INCLUDED FOR THE CONTRACTOR TO PROVIDE THE DETOUR SIGNING AS SHOWN AS PER 614.06 (B):

ITEM 614, DETOUR SIGNING LUMP

WESTFIELD ROAD DETOUR MAP

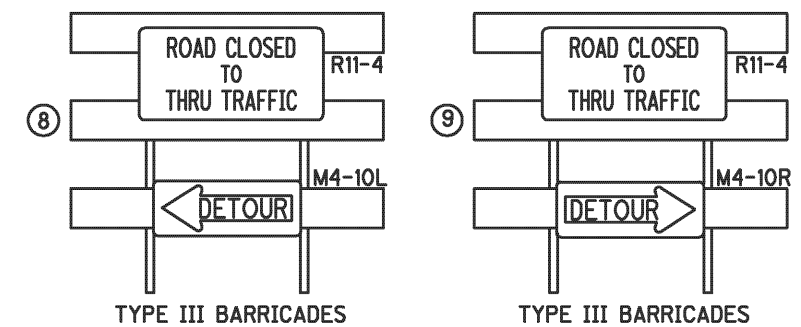


- X - PROJECT LOCATION
- ← → - OFFICIAL SIGNED DETOUR
- || - GATES AND BARRICADES, AS PER MT-101.60

MAINTENANCE OF DETOUR ROUTE

DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THE ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST, AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DIRECTED BY THE ENGINEER. THE DETOUR ROUTE IS TO BE REVIEWED AND REPAIRED PRIOR TO THE ASPHALT CONTRACTOR OR SUBCONTRACTOR LEAVING THE PROJECT.

PAYMENT FOR THE WORK NECESSARY TO REPAIR THESE LOCAL ROADS WILL BE PERFORMED BY CHANGE ORDER.



SIGN LEGEND

- ① ROAD CLOSED AHEAD W20-3-36
- ② DETOUR AHEAD W20-2-36
- ③ DETOUR WESTFIELD ROAD M4-8-24 D3-1-24
- ④ DETOUR WESTFIELD ROAD M4-8-24 D3-1-24
- ← M6-1L-24
- ⑤ DETOUR WESTFIELD ROAD M4-8-24 D3-1-24
- M6-1R-24
- ⑥ DETOUR WESTFIELD ROAD M4-8-24 D3-1-24
- ↩ M5-1L-24
- ⑦ DETOUR WESTFIELD ROAD M4-8-24 D3-1-24
- ↪ M5-1R-24

DESIGN FILE: \\projects\80188\structures\80188\MN001.dgn
 WORKSTATION: yaryanh DATE: 6/10/2011
 MODELNAME: MOT Notes

MAINTAINING TRAFFIC - S.R. 57

TWO-WAY TRAFFIC ON S.R. 57 SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT THROUGH TRAFFIC AT STRUCTURE MED-57-0900 WILL BE DETOURED AS SHOWN ON THIS SHEET FOR A MAXIMUM OF 21 CONSECUTIVE CALENDAR DAYS. THE 21 DAYS SHALL BE CONSIDERED AS AN INTERIM COMPLETION DATE (SECTION 108), AND FOR EACH CALENDAR DAY BEYOND THE 21 DAYS THAT THE HIGHWAY REMAINS CLOSED TO TRAFFIC, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES AS PER 108.07.

DETOUR SIGNING WILL BE INSTALLED, MAINTAINED, AND REMOVED BY THE STATE OF OHIO. THE CONTRACTOR SHALL NOTIFY THE ROADWAY SERVICES MANAGER IN WRITING A MINIMUM OF 14 DAYS IN ADVANCE OF THE DETOUR BEING PLACED.

THE CONTRACTOR SHALL ALSO NOTIFY, IN WRITING, THE FOLLOWING AGENCIES AT LEAST FOURTEEN (14) DAYS PRIOR TO THE TIME WHEN THE DETOUR WILL BE IMPLEMENTED:

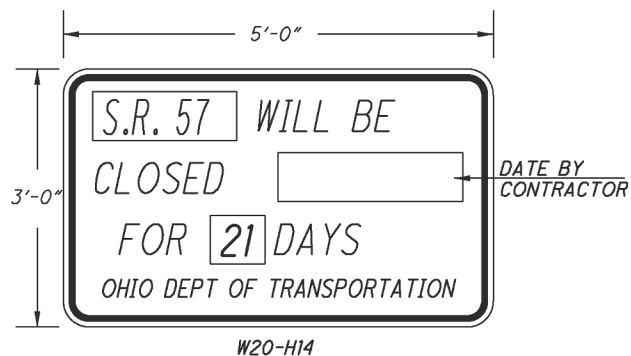
- LOCAL FIRE DEPARTMENT(S)
- LOCAL SCHOOL DISTRICT(S)
- MEDINA COUNTY SHERIFF
- CITY OF WADSWORTH
- VILLAGE OF SEVILLE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE GATES AND BARRICADES AT THE END OF THE WORK AREA AND THE ADVANCE WARNING SIGNS AS SHOWN ON STANDARD CONSTRUCTION DRAWING MT-101.60.

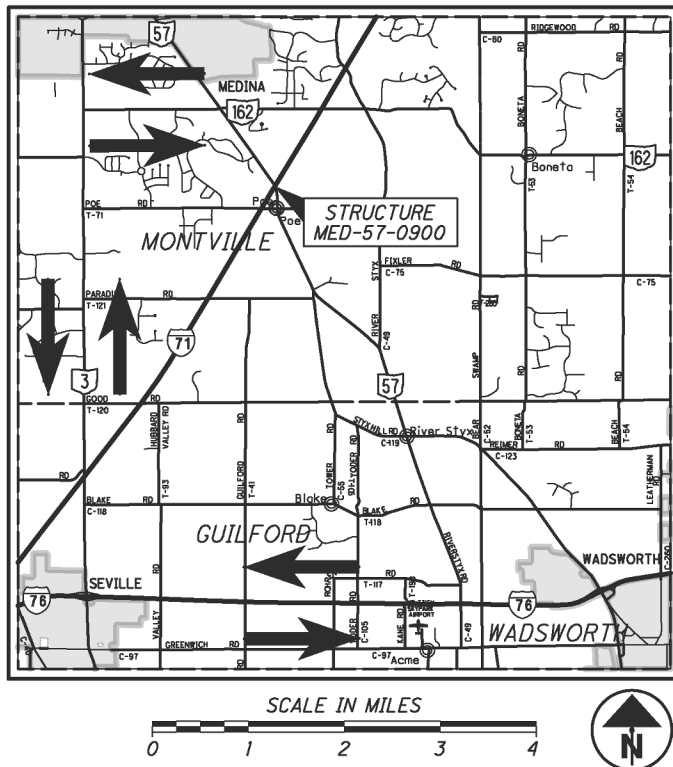
ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING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

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE FOR S.R. 57. THE SIGNS SHALL BE ERECTED ON THE RIGHT HAND SIDE OF THE ROAD FACING TRAFFIC. THEY SHALL BE LOCATED IN THE FIELD SO AS NOT TO INTERFERE WITH ANY PERMANENT SIGNS. ON THIS PROJECT THEY SHOULD BE ERECTED AT THE POINT OF CLOSURE. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID FOR ITEM 614 MAINTAINING TRAFFIC AND SHALL INCLUDE FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE SIGNS INCLUDING SUPPORTS.



S.R. 57 DETOUR MAP



MAINTENANCE OF LOCAL DETOUR ROUTE

A LOCAL DETOUR ROUTE, OTHER THAN THE OFFICIAL SIGNED ODOT DETOUR ROUTE, AS NOTED ON THIS SHEET, WILL BE SELECTED BY AGREEMENT BETWEEN ODOT AND LOCAL GOVERNMENTAL AGENCIES PRIOR TO THE HIGHWAY CLOSURE. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THIS ROUTE IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST, AND STANDING WATER. ONCE THE DETOUR IS REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTE SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO ITS USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DIRECTED BY THE ENGINEER. THE DESIGNATED LOCAL DETOUR ROUTE IS TO BE REVIEWED AND REPAIRED PRIOR TO THE ASPHALT CONTRACTOR OR SUBCONTRACTOR LEAVING THE PROJECT.

PAYMENT FOR THE WORK NECESSARY TO REPAIR THESE LOCAL ROADS WILL BE PERFORMED BY CHANGE ORDER.

COORDINATION BETWEEN CONTRACTORS

THE CONTRACTOR SHOULD BE AWARE THAT THERE MAY BE OTHER WORK BEING PERFORMED BY A SEPARATE CONTRACT IN THE VICINITY OF THIS PROJECT. MED-76-7.61 (PID 77474) BEGINS JUST WEST OF S.R. 57 AND INCLUDES STRUCTURE MED-57-0394 OVER I-76. CONSTRUCTION IS SCHEDULED TO BEGIN IN SPRING 2012 AND CONTINUE THROUGH FALL 2013. COORDINATION OF WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.

ITEM 614, MAINTAINING TRAFFIC: GENERAL, INTERSTATE 71

A MINIMUM OF TWO LANES OF TRAFFIC IN EACH DIRECTION ON I-71 SHALL BE MAINTAINED AT ALL TIMES. ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH ITEM 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, PLAN DETAILS, STANDARD DRAWINGS, AND AS OUTLINED IN THE CONSTRUCTION AND MAINTENANCE SECTION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION WITH THE LATEST REVISIONS. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED ON THIS PLAN.

THE FOLLOWING REQUIREMENTS SHALL ALSO APPLY: THE CONTRACTOR SHALL SUBMIT, IN WRITING, A SCHEDULE OF OPERATIONS TO THE ENGINEER AND RECEIVE APPROVAL BEFORE WORK IS STARTED ON THE PROJECT. PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL COORDINATE THE MAINTENANCE OF TRAFFIC OPERATIONS WITH THE LOCAL STATE HIGHWAY PATROL.

ITEM 614, MAINTAINING TRAFFIC: LANE CLOSURE/REDUCTION REQUIRED ON INTERSTATE 71

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 IN PROGRESS.

ITEM 614, MAINTAINING TRAFFIC ON INTERSTATE 71 (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 EVENTS:

- | | |
|--------------|----------------|
| CHRISTMAS | FOURTH OF JULY |
| NEW YEARS | LABOR DAY |
| MEMORIAL DAY | THANKSGIVING |

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 THE WEEK	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
WEDNESDAY	12:00N TUESDAY THROUGH 6:00 AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00 AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00 AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00 AM MONDAY

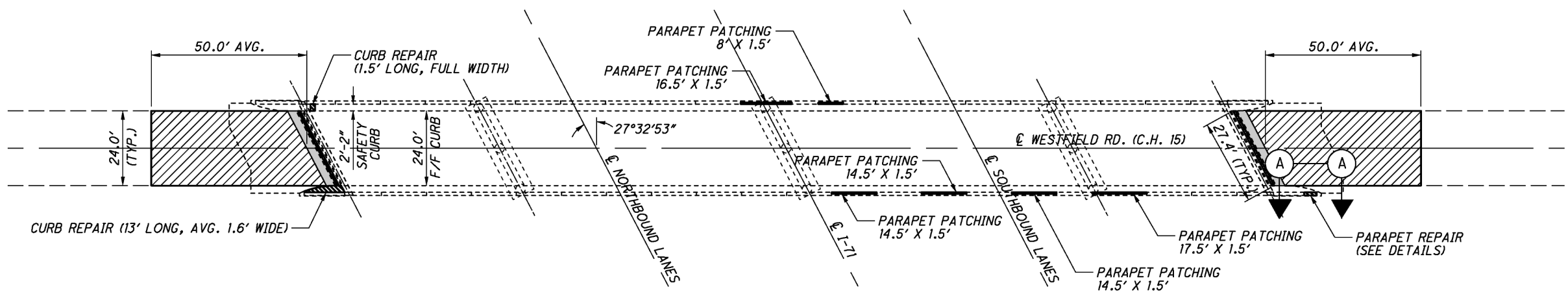
SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED LIQUIDATED DAMAGES IN ACCORDANCE WITH CMS 108.07.

DESIGN FILE: \\projects\B0188\structures\B0188CG001.dgn
 WORKSTATION: yaryanh DATE: 6/10/2011
 MODEL NAME: Sheet

SHEET NUMBER										ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.		
								3	6							8	9
PAVEMENT																	
									285		407	254	01000	692	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" AVG.)	
									22		31	407	10000	53	GALLON	TACK COAT	2
									12		16	448	47020	28	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22	
TRAFFIC CONTROL																	
											0.17	646	10000	0.17	MILE	EDGE LINE	
									0.02		0.09	646	10200	0.11	MILE	CENTER LINE	
STRUCTURES (20' AND OVER)																	
MED-71-0497 (SFN 5202647)																	
									6			202	11301	6	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	2
									1			511	34401	1	CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)	2
									3			511	34450	3	CU YD	CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR	2
									2			511	45701	2	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (REPAIR)	2
									349			512	10100	349	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
									55			516	31000	55	FT	JOINT SEALER	
									129			519	11101	129	SQ FT	PATCHING CONCRETE STRUCTURE, AS PER PLAN	2
MED-71-1330 (SFN 5203279)																	
										15		519	11101	15	SQ FT	PATCHING CONCRETE STRUCTURE, AS PER PLAN	2
MED-57-0900 (SFN 5202043)																	
											15	202	11301	15	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	2
											5	511	34401	5	CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (RECONSTRUCTION)	2
											5	511	34450	5	CU YD	CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR	2
											6	511	45701	6	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION)	2
											1097	SPECIAL	51160000	1097	FT	BRIDGE DECK GROOVING	2
											423	512	10100	423	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
											86.22	516	11211	86.22	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN	2
											77	516	31000	77	FT	JOINT SEALER	
											1160	848	10201	1160	SQ YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN (3" THICK)	2
											1160	848	20000	1160	SQ YD	SURFACE PREPARATION USING HYDRODEMOLITION	
											7	848	30201	7	CU YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN	2
											23	848	50000	23	SQ YD	HAND CHIPPING	
											LUMP	848	50100	LUMP		TEST SLAB	
											1160	848	50320	1160	SQ YD	EXISTING CONCRETE OVERLAY REMOVED (2.5" NOMINAL THICKNESS)	
											23	848	50340	23	SQ YD	REMOVAL OF DEBONDED OR DETERIORATED EXISTING VARIABLE THICKNESS CONCRETE OVERLAY	
MAINTENANCE OF TRAFFIC																	
									LUMP			614	12420	LUMP		DETOUR SIGNING	3
												614	11000	LUMP		MAINTAINING TRAFFIC	3-4
												624	10000	LUMP		MOBILIZATION	

CALCULATED
 HYH
 CHECKED
 GTS
GENERAL SUMMARY
D03-BH-FY2012(A)
 5
 11

DESIGN FILE: \\projects\80188\structures\071_0497CGP001.dgn
 WORKSTATION: yaryanh DATE: 6/10/2011 MODELNAME: Sheet



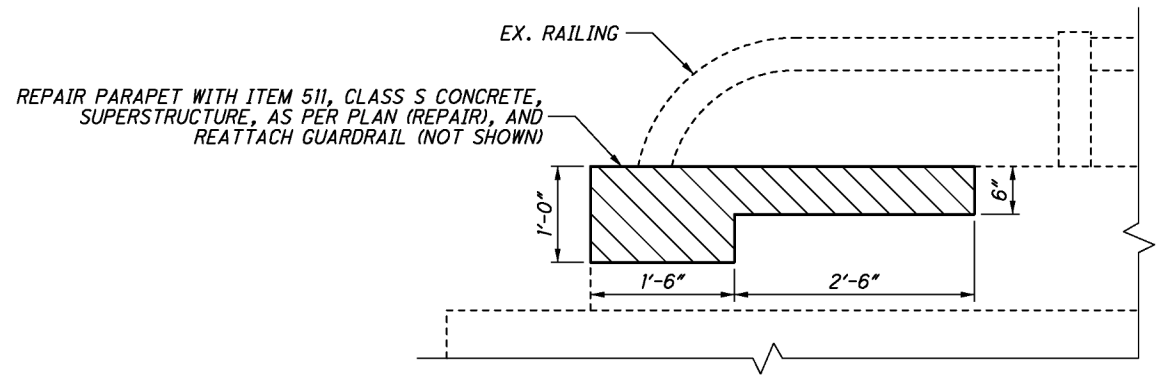
LEGEND

- ASPHALT PLANING AND RESURFACING TO ENSURE SMOOTH TRANSITION (AVERAGE THICKNESS 1 1/2"). FOR DETAILS AND TACK COAT APPLICATION RATE, SEE GENERAL NOTES SHEET.
- REPAIR APPROACH SLABS WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, ITEM 511, CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR, AND ITEM 516, JOINT SEALER. SEE DETAILS ON SHEETS 7-8.
- REPAIR TOPS OF BACKWALLS WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS C CONCRETE, ABUTMENT, AS PER PLAN (REPAIR). SEE DETAILS ON SHEETS 7-8.

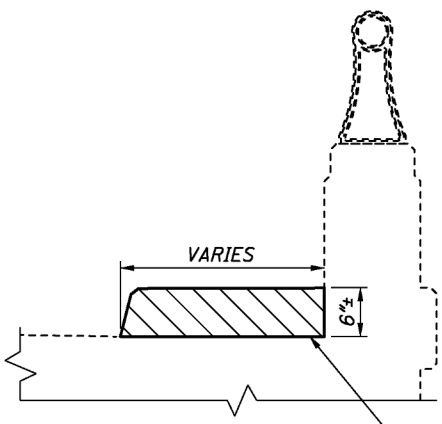
NOTES

1. THE EXISTING APPROACH GUARDRAIL AND BRIDGE TERMINAL ASSEMBLIES ARE NOT SHOWN.
2. REPAIR CURBS AT 2 LOCATIONS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR).
3. REPAIR PARAPET AND REATTACH GUARDRAIL AT 1 LOCATION SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR).
4. PATCH PARAPETS AT 6 LOCATIONS SHOWN IN PLAN WITH ITEM 519, PATCHING CONCRETE STRUCTURE, AS PER PLAN.
5. ALL EXISTING REINFORCING STEEL SHALL BE PRESERVED.
6. PARAPETS AND SAFETY CURB SHALL BE SEALED WITH ITEM 512, SEALING OF CONCRETE SURFACES (EPOXY-URETHANE).
7. CENTER LINE NOT SHOWN.

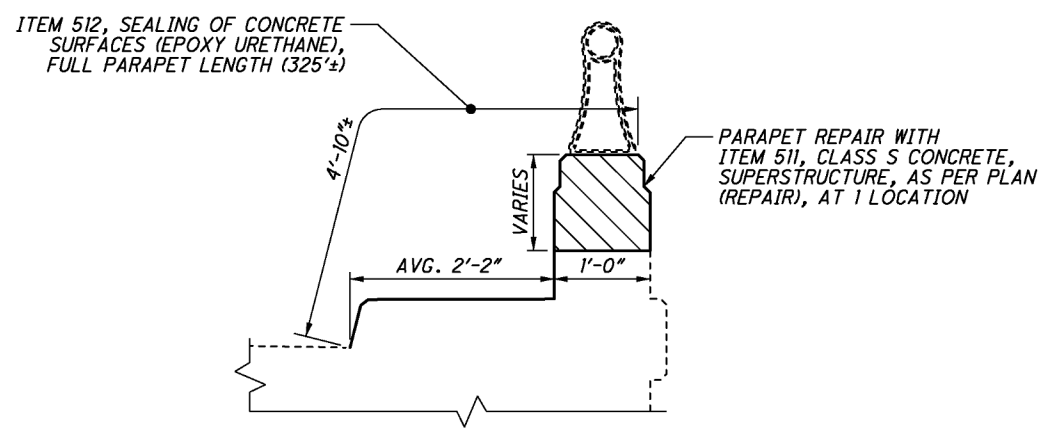
ESTIMATED QUANTITIES CARRIED TO GENERAL SUMMARY			
ITEM	QUANTITY	UNIT	DESCRIPTION
202	6	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
254	285	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE
407	22	GAL	TACK COAT
448	12	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
511	1	CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)
511	3	CU YD	CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR
511	2	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (REPAIR)
512	349	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
516	55	FT	JOINT SEALER
519	129	SQ FT	PATCHING CONCRETE STRUCTURE, AS PER PLAN
646	0.02	MILE	CENTER LINE



VIEW A-A
PARAPET REPAIR

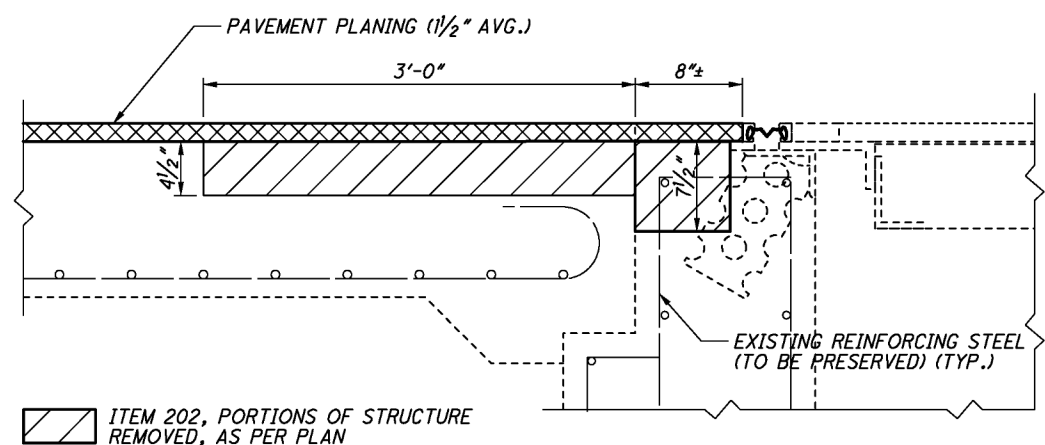


PARAPET SECTION
(CURB REPAIRS)

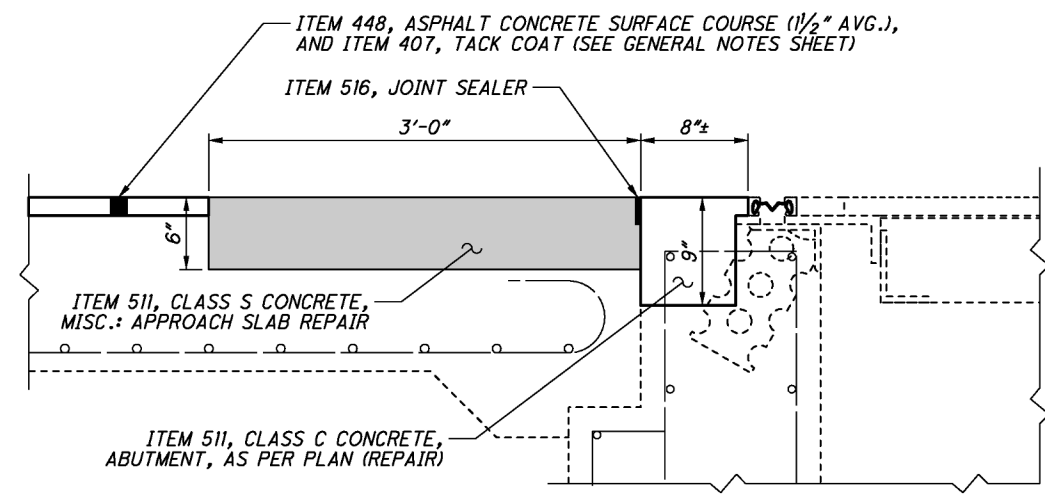


PARAPET SECTION
(SEALING AND REPAIRS)

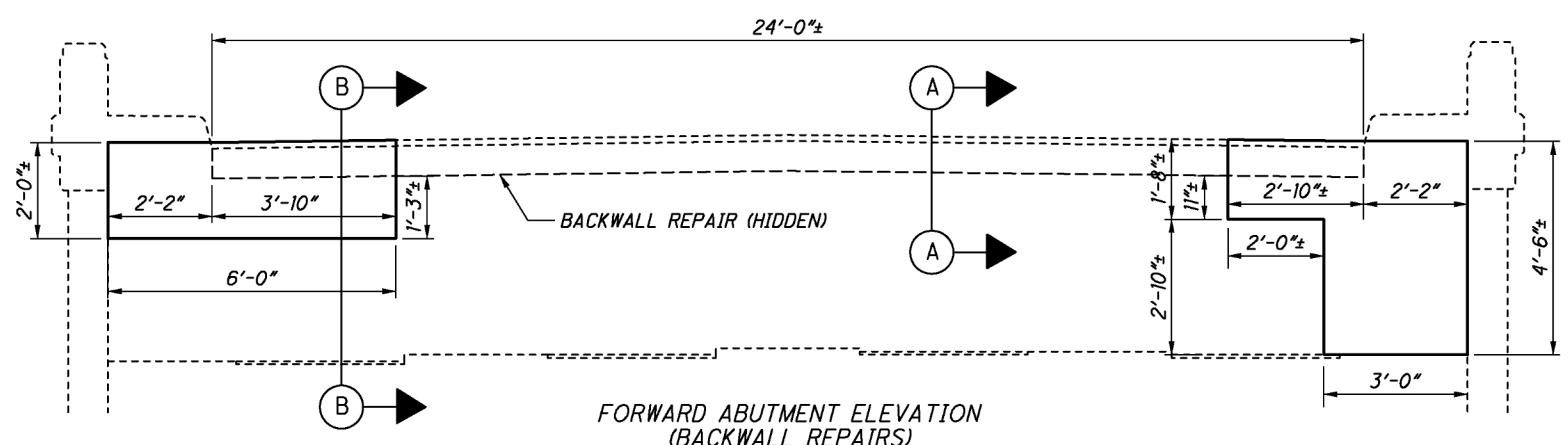
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 WORKSTATION: hyar\anh DATE: 6/10/2011 MODELNAME: Sheet



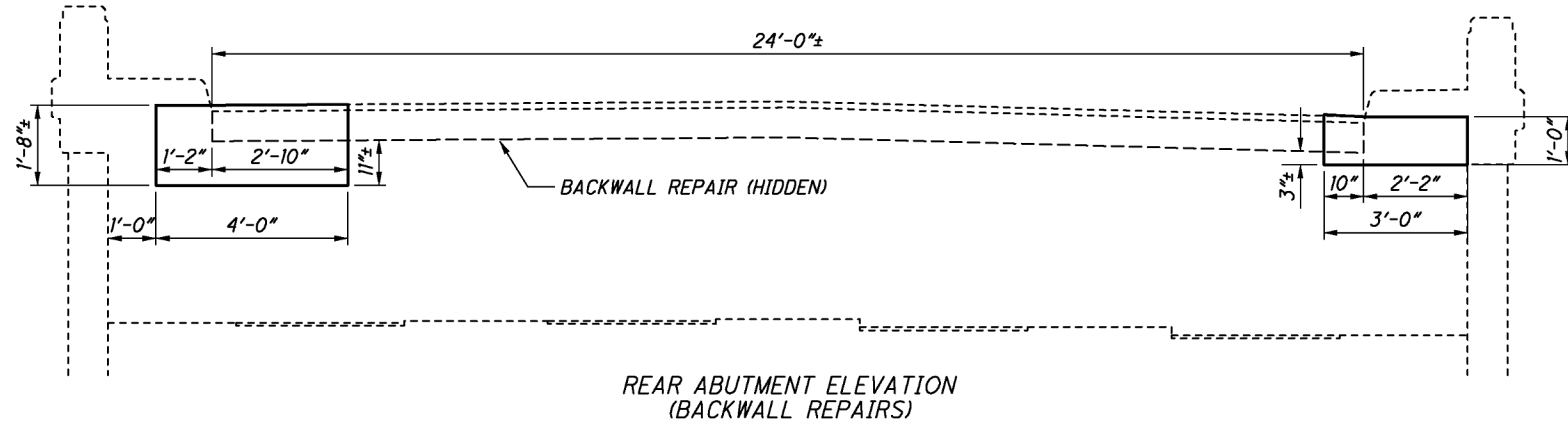
SECTION A-A
EXISTING VIEW



SECTION A-A
PROPOSED VIEW



FORWARD ABUTMENT ELEVATION
(BACKWALL REPAIRS)



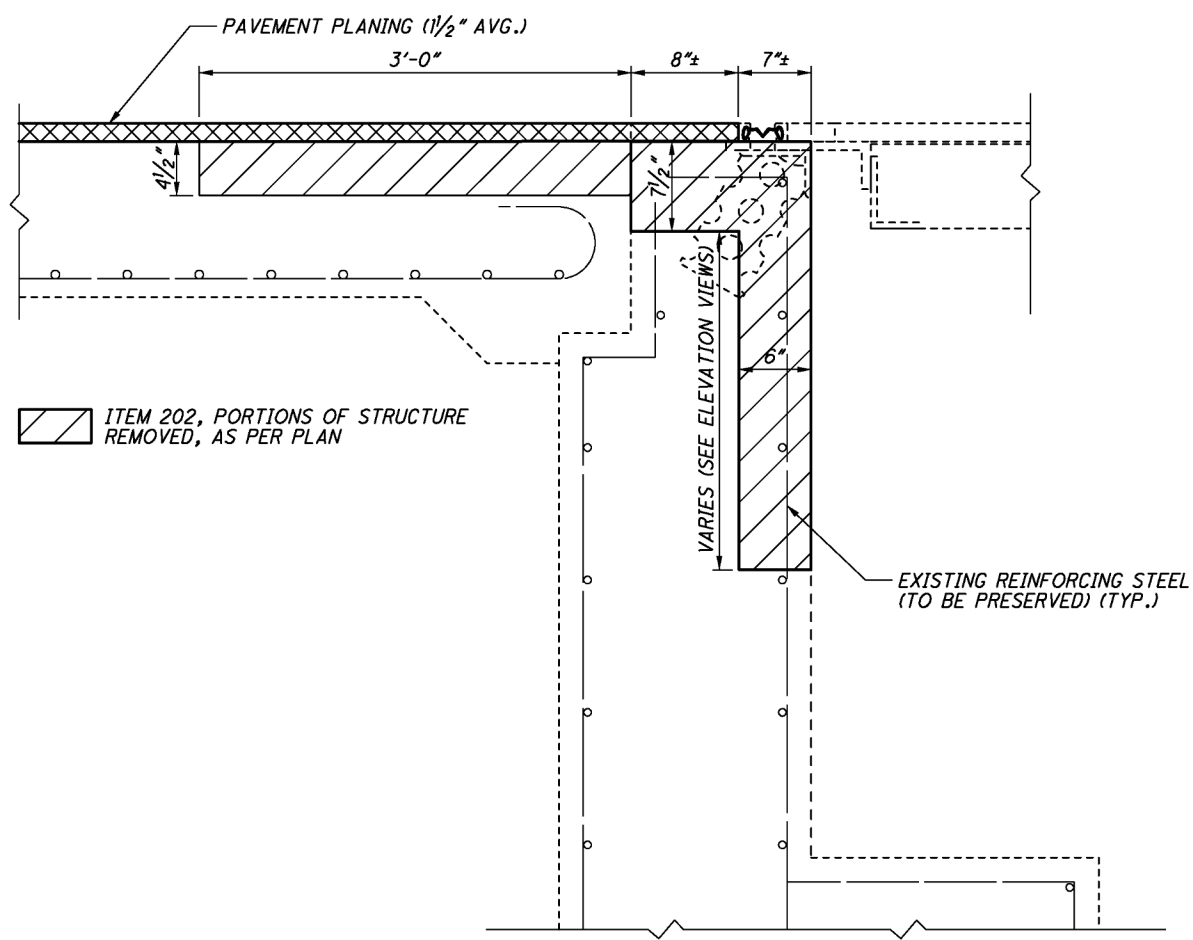
REAR ABUTMENT ELEVATION
(BACKWALL REPAIRS)

NOTES

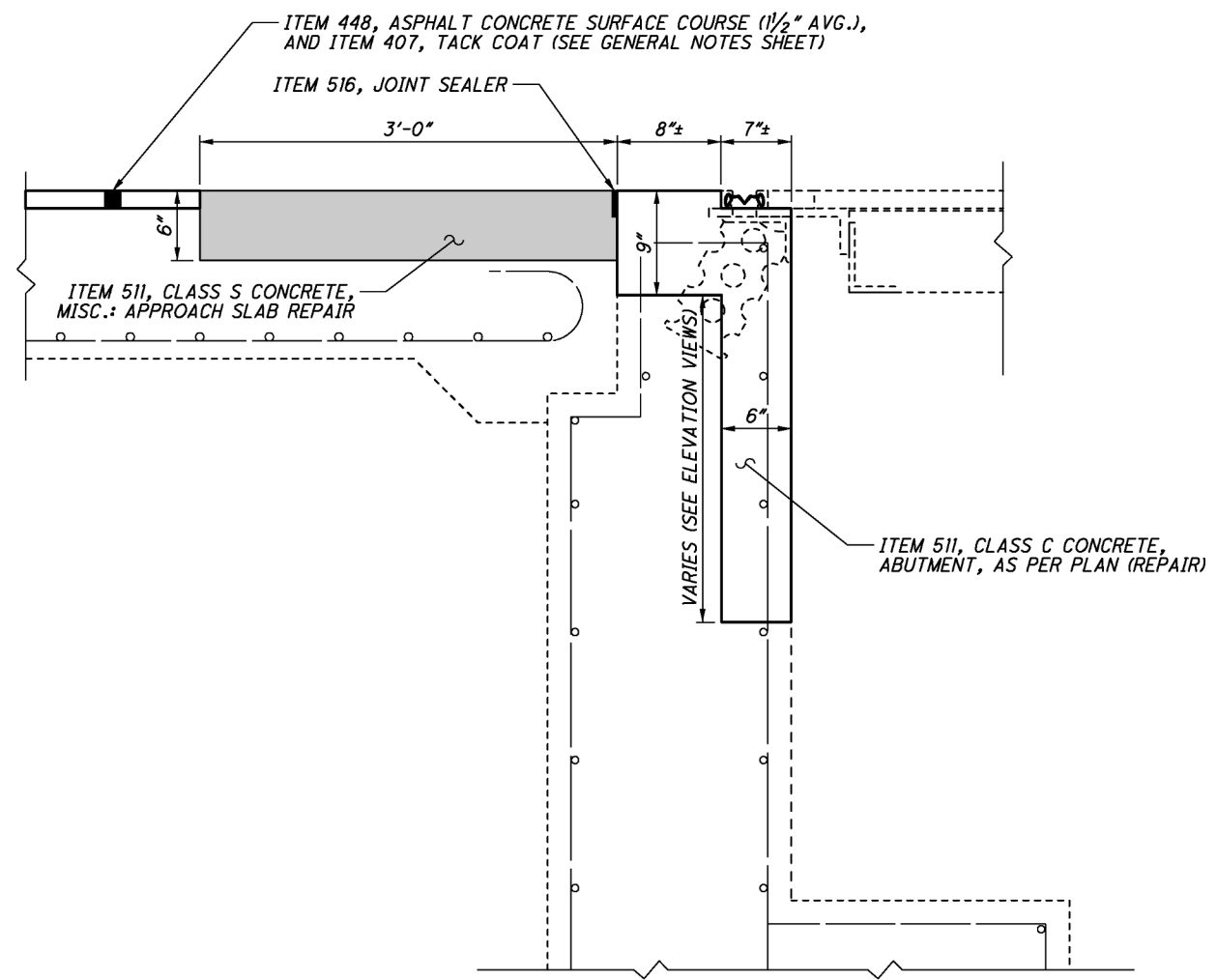
1. REPAIR APPROACH SLABS AS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, ITEM 511, CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR, AND ITEM 516, JOINT SEALER.
2. REPAIR BACKWALLS AS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS S CONCRETE, ABUTMENT, AS PER PLAN (REPAIR).
3. ALL EXISTING REINFORCING STEEL SHALL BE PRESERVED.
4. SEE SHEET 3/3 FOR SECTION B-B.
5. SEE SHEET 1/3 FOR ESTIMATED QUANTITIES.

DESIGN AGENCY ODOT DISTRICT THREE OFFICE OF PRODUCTION	
REVIEWED RDN	DATE 3-2-2011
DRAWN HYH	STRUCTURE FILE NUMBER 5202647
DESIGNED HYH	CHECKED GTS
STRUCTURE DETAILS MED-71-0497 I-71 UNDER WESTFIELD ROAD (C.H. 15)	
D03-BH-FY2012(A) PID No. 80188	
2 / 3	
7 / 11	

DESIGN FILE: \\projects\80188\structures\071_0497CMD001.dgn
 WORKSTATION: hyar.yanh DATE: 6/10/2011 MODELNAME: Sheet



SECTION B-B
EXISTING VIEW



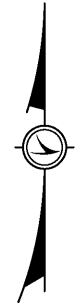
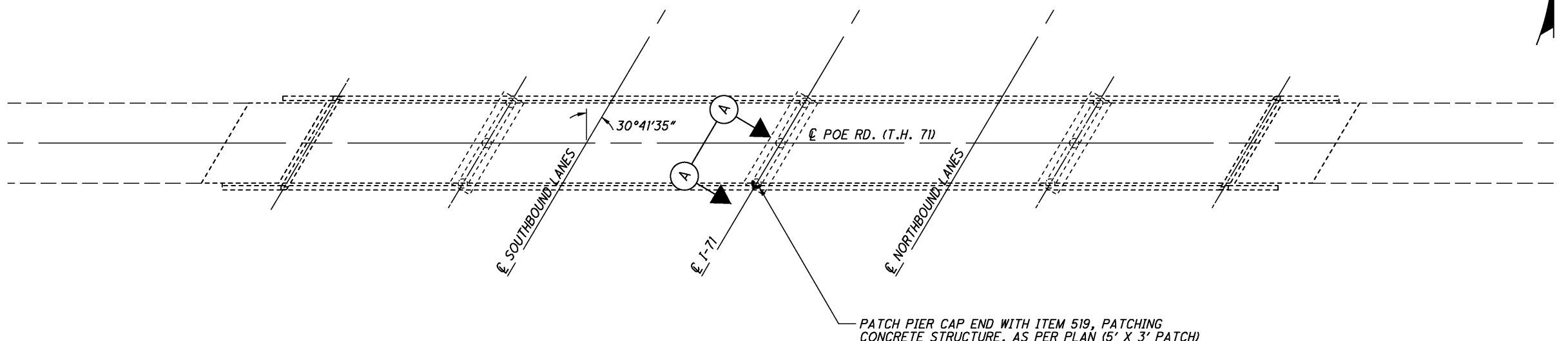
SECTION B-B
PROPOSED VIEW

NOTES

1. REPAIR APPROACH SLABS AS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, ITEM 511, CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR, AND ITEM 516, JOINT SEALER.
2. REPAIR BACKWALLS AS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR, AND ITEM 511, CLASS C CONCRETE, ABUTMENT, AS PER PLAN (REPAIR).
3. ALL EXISTING REINFORCING STEEL SHALL BE PRESERVED.
4. SEE SHEET 2/3 FOR ABUTMENT ELEVATION VIEWS.
5. SEE SHEET 1/3 FOR ESTIMATED QUANTITIES.

DESIGN AGENCY		ODOT DISTRICT THREE	
OFFICE OF PRODUCTION			
REVIEWED	DATE	STRUCTURE FILE NUMBER	
RDN	3-2-2011	5202647	
DRAWN	HYH	REVIS	
HYH			
DESIGNED	HYH	CHECKED	GTS
HYH			
STRUCTURE DETAILS			
MED-71-049T			
I-71 UNDER WESTFIELD ROAD (C.H. 15)			
D03-BH-FY2012(A)		PID No. 80188	
3	3		
8			
11			

DESIGN FILE: \\projects\80188\structures\071_1330CGP001.dgn
 WORKSTATION: hyar\yah DATE: 6/10/2011 MODELNAME: Sheet

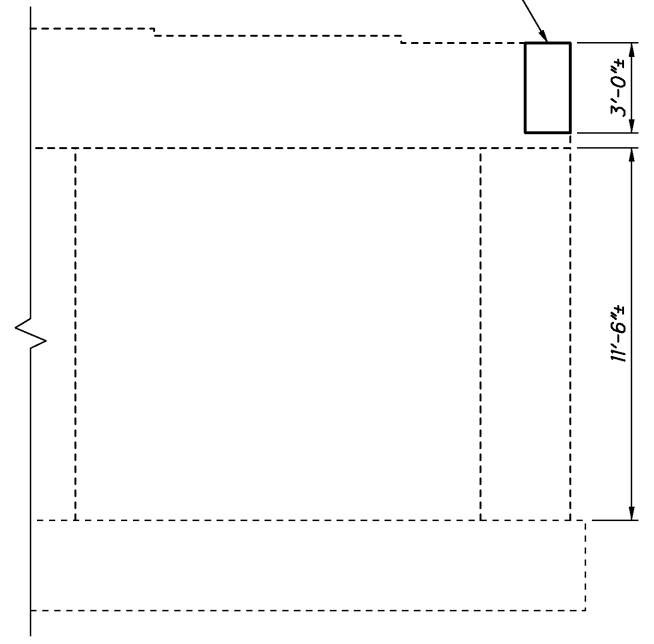


ESTIMATED QUANTITIES CARRIED TO GENERAL SUMMARY			
ITEM	QUANTITY	UNIT	DESCRIPTION
519	15	SQ FT	PATCHING CONCRETE STRUCTURE, AS PER PLAN

NOTES

1. THE EXISTING APPROACH GUARDRAIL AND BRIDGE TERMINAL ASSEMBLIES ARE NOT SHOWN.
2. REPAIR PIER CAP END AT LOCATION SHOWN IN PLAN WITH ITEM 519, PATCHING CONCRETE STRUCTURES, AS PER PLAN.

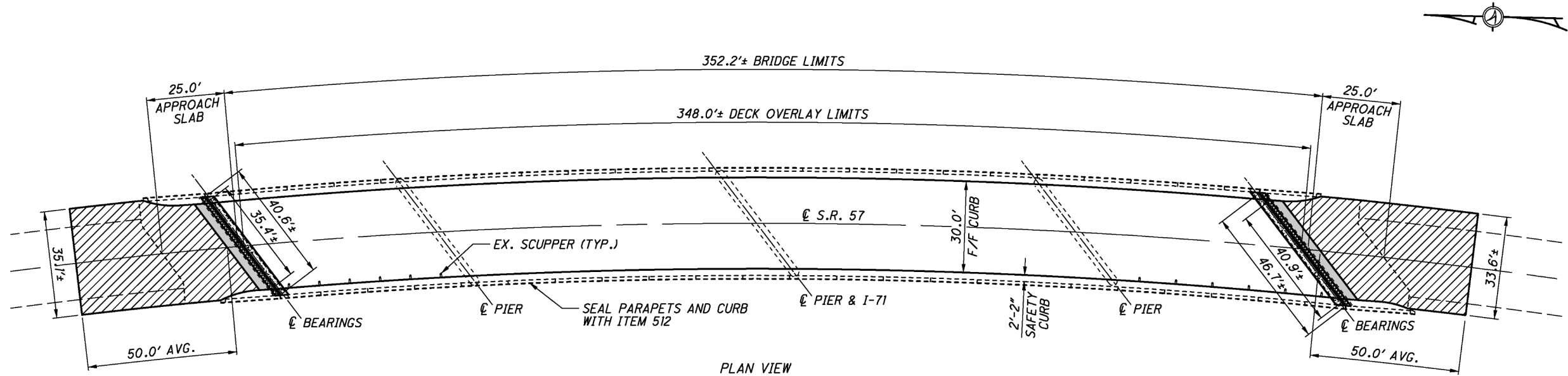
PATCH PIER CAP END WITH ITEM 519, PATCHING CONCRETE STRUCTURE, AS PER PLAN



VIEW A-A
(PIER DETAIL)

D03-BH-FY2012(A)	SITE PLAN MED-71-1330 I-71 UNDER POE ROAD (T.H. 71)	DESIGNED HYH CHECKED GTS	DRAWN HYH REVISED	REVIEWED RDN STRUCTURE FILE NUMBER 5203279	DATE 3-2-2011	DESIGN AGENCY ODOT DISTRICT THREE OFFICE OF PRODUCTION
1 / 1	9 / 11					

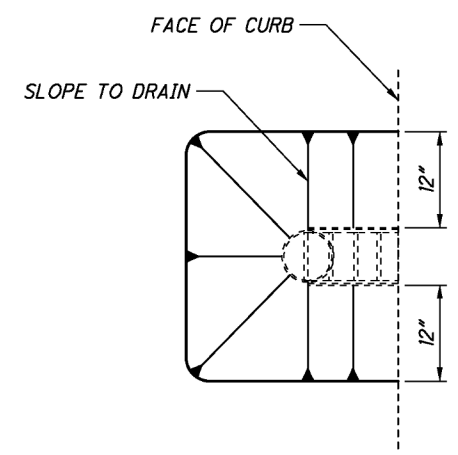
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 WORKSTATION: yaryanh DATE: 6/10/2011 MODELNAME: Sheet



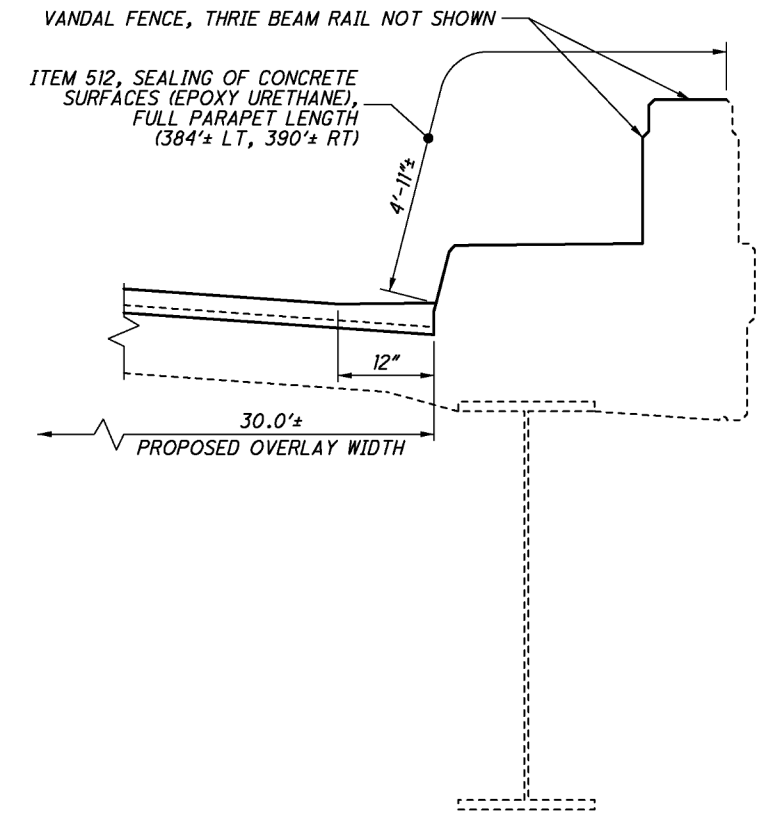
LEGEND

- ASPHALT PLANING AND RESURFACING TO ENSURE SMOOTH TRANSITION (AVERAGE THICKNESS 1 1/2"). FOR DETAILS AND TACK COAT APPLICATION RATE, SEE GENERAL NOTES SHEET.
- REPAIR APPROACH SLABS WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN ITEM 511, CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR, AND ITEM 516, JOINT SEALER. SEE DETAILS ON SHEET 2/2.
- REPAIR TOPS OF BACKWALLS WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION). SEE DETAILS ON SHEET 2/2.
- FULL DEPTH REPAIR AT DECK ENDS WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (RECONSTRUCTION). SEE DETAILS ON SHEET 2/2.

ESTIMATED QUANTITIES CARRIED TO GENERAL SUMMARY			
ITEM	QUANTITY	UNIT	DESCRIPTION
202	15	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
254	407	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE
407	31	GAL	TACK COAT
448	16	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
511	5	CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (RECONSTRUCTION)
511	5	CU YD	CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR
511	6	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION)
SPECIAL	1097	SQ YD	BRIDGE DECK GROOVING
512	423	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
516	86.22	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL
516	77	FT	JOINT SEALER
646	0.17	MILE	EDGE LINE
646	0.09	MILE	CENTER LINE
848	1160	SQ YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN (3" THICK)
848	1160	SQ YD	SURFACE PREPARATION USING HYDRODEMOLITION
848	7	CU YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY, AS PER PLAN
848	23	SQ YD	HAND CHIPPING
848	LUMP		TEST SLAB
848	1160	SQ YD	EXISTING CONCRETE OVERLAY REMOVED (2.5" NOMINAL THICKNESS)
848	23	SQ YD	REMOVAL OF DEBONDED OR DETERIORATED EXISTING VARIABLE THICKNESS OVERLAY



TYPICAL SCUPPER PLAN VIEW



PARAPET SECTION

NOTES

1. THE EXISTING VANDAL FENCE, THRIE-BEAM RAIL, APPROACH GUARDRAIL AND BRIDGE TERMINAL ASSEMBLIES ARE NOT SHOWN.
2. PARAPETS AND SAFETY CURB SHALL BE SEALED WITH ITEM 512, SEALING OF CONCRETE SURFACES (EPOXY-URETHANE). DO NOT DISTURB VANDAL FENCE OR THRIE-BEAM RAIL.
3. THE PROPOSED OVERLAY SHALL BE SLOPED TO DRAIN TO THE EXISTING SCUPPERS. DO NOT DISTURB SCUPPERS. SEE SHEET 2/2 FOR OVERLAY DETAILS.
4. EDGE LINES AND CENTER LINE NOT SHOWN.

DESIGN AGENCY
 ODOT DISTRICT THREE
 OFFICE OF PRODUCTION

DATE
 3-2-2011

REVIEWED
 RDN
 STRUCTURE FILE NUMBER
 5202043

DRAWN
 HYH
 REVISIONS

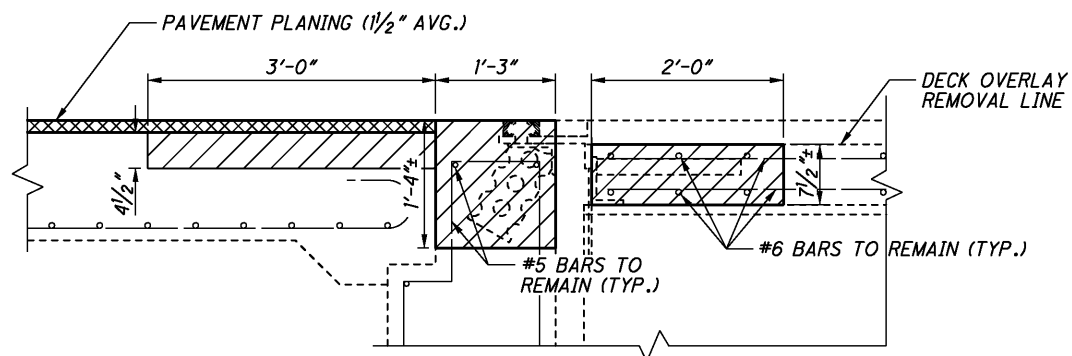
DESIGNED
 HYH
 CHECKED
 GTS

SITE PLAN
 MED-57-0900
 OVER I-71

D03-BH-FY 2012(A)

1 / 2

10
11

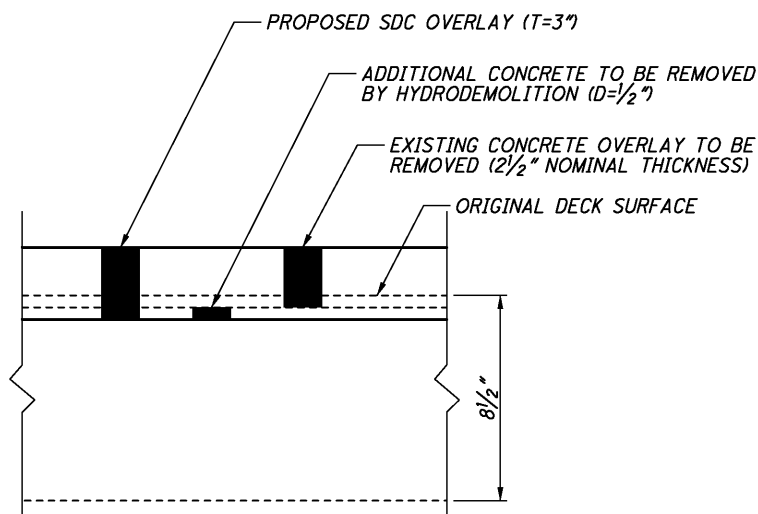


ITEM 202, PORTIONS OF STRUCTURE REMOVED

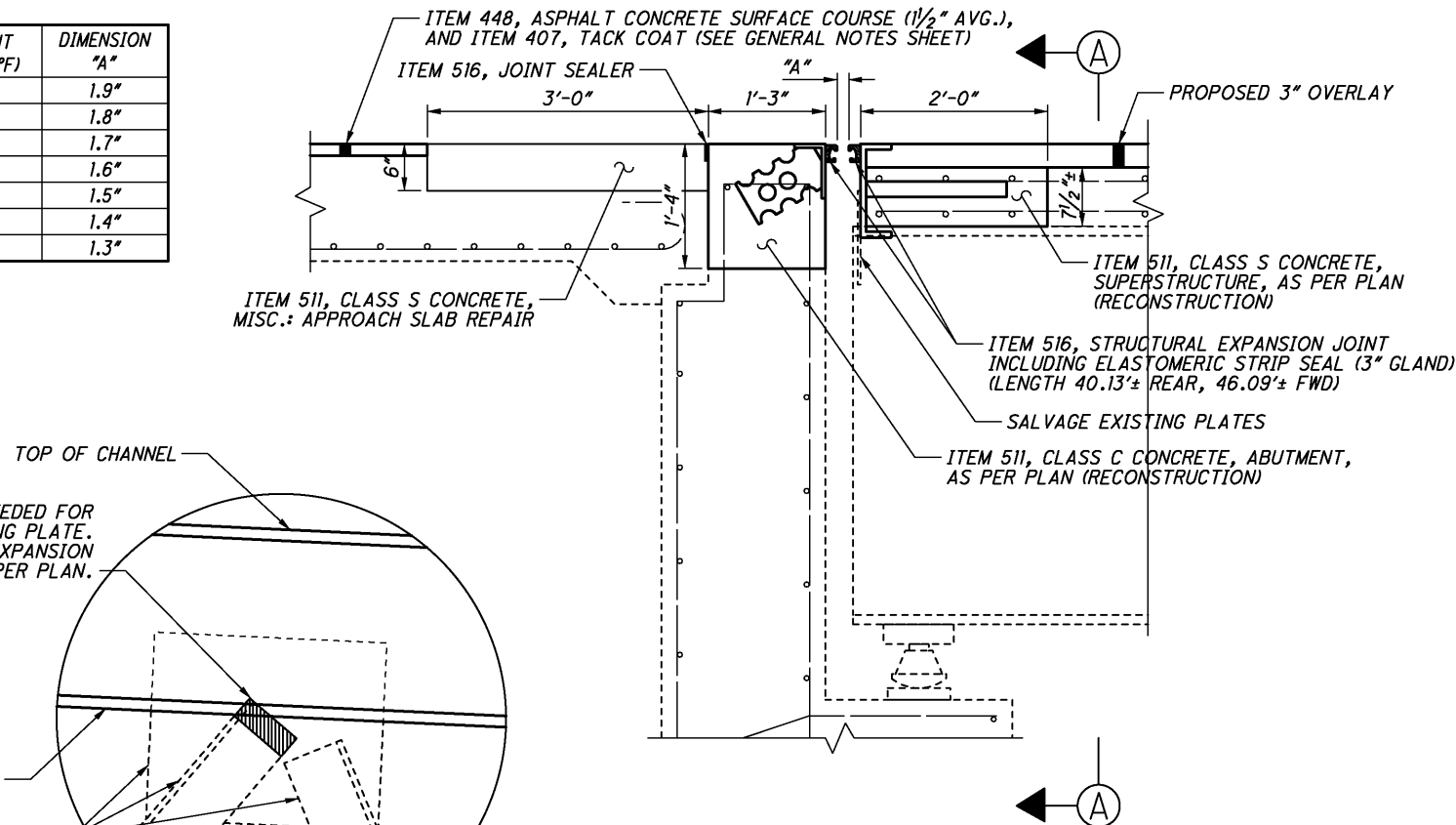
EXISTING VIEW
 (BACKWALL LENGTH = 40.6'± REAR, 46.7'± FWD)

TRIM EXISTING CROSSFRAME ANGLES AS NEEDED FOR PROPOSED CHANNEL TO BE WELDED TO EXISTING PLATE. COST INCLUDED WITH ITEM 516, STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN.

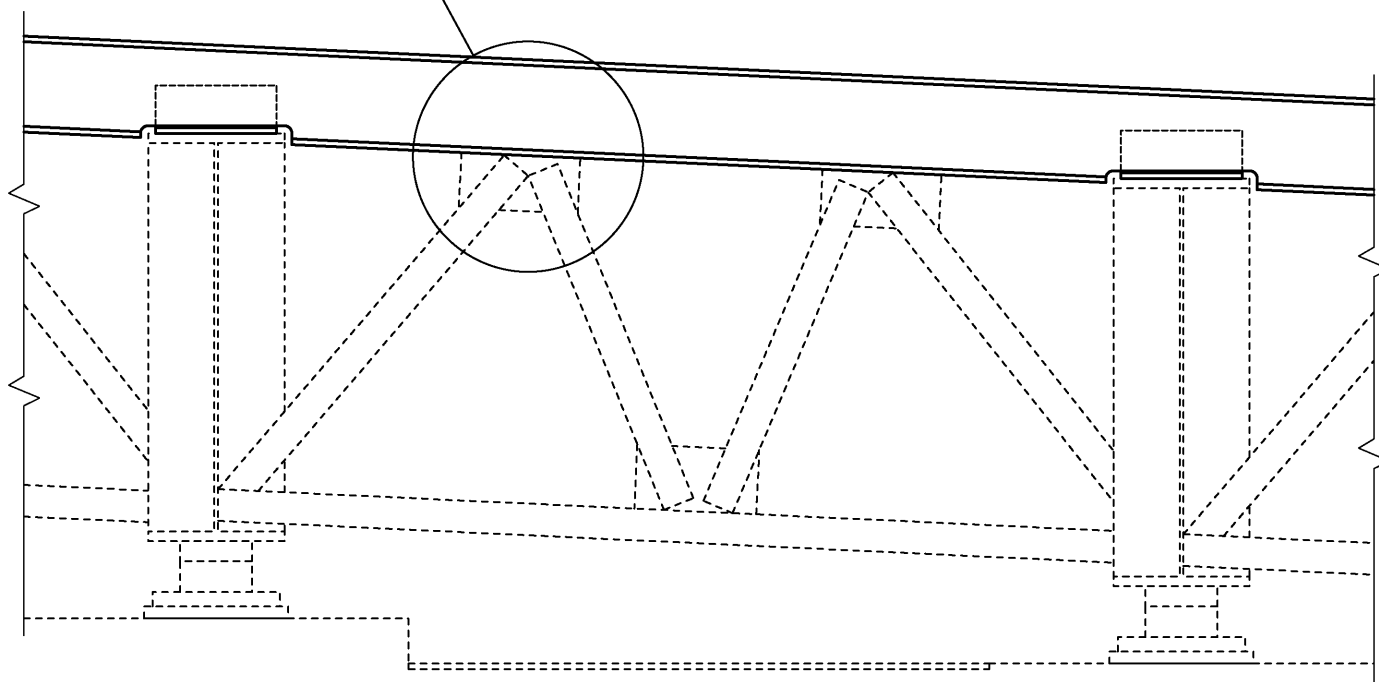
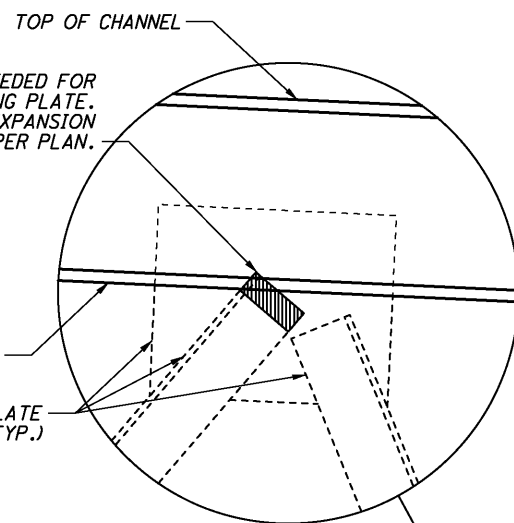
AMBIENT TEMP (°F)	DIMENSION "A"
30°	1.9"
40°	1.8"
50°	1.7"
60°	1.6"
70°	1.5"
80°	1.4"
90°	1.3"



OVERLAY SECTION



PROPOSED VIEW
 (BACKWALL LENGTH = 40.6'± REAR, 46.7'± FWD)



PARTIAL SECTION A-A
 (OPPOSITE HAND SAME EXCEPT REVERSE SLOPE)

NOTES

1. FOR EXPANSION JOINT REPLACEMENT DETAILS NOT SHOWN, SEE STD. DWG. EXJ-4-87.
2. REPLACE DECK ENDS AS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (RECONSTRUCTION).
3. REBUILD BACKWALLS AS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, AND ITEM 511, CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION).
4. REPAIR APPROACH SLABS AS SHOWN IN PLAN WITH ITEM 202, PORTIONS OF STRUCTURE REMOVED, AS PER PLAN, ITEM 511, CLASS S CONCRETE, MISC.: APPROACH SLAB REPAIR, AND ITEM 516, JOINT SEALER.
5. ALL EXISTING REINFORCING STEEL SHALL BE PRESERVED.
6. SEE SHEET 1/2 FOR ESTIMATED QUANTITIES.