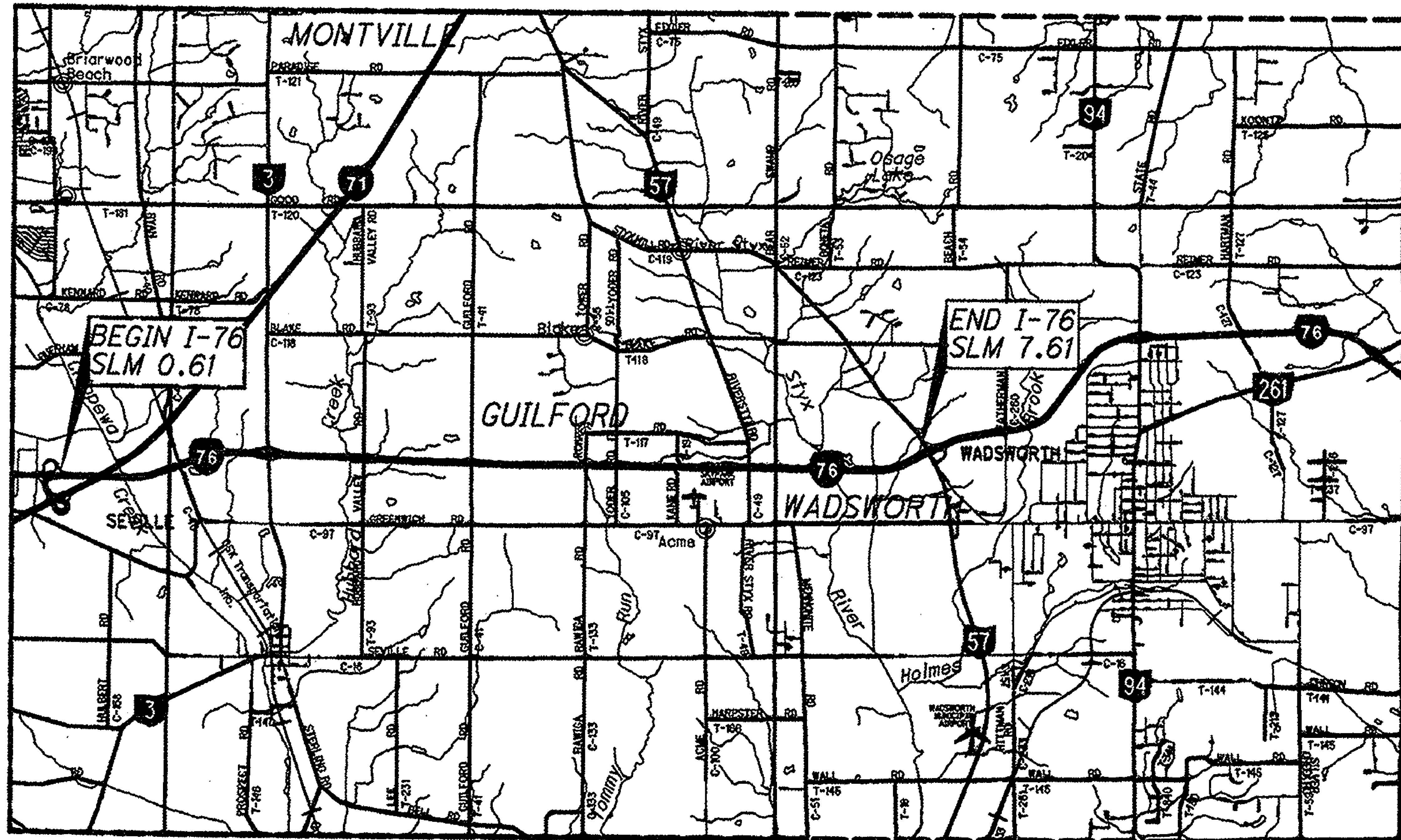


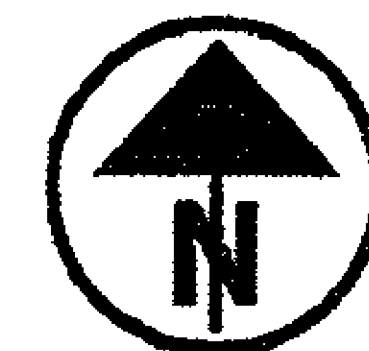
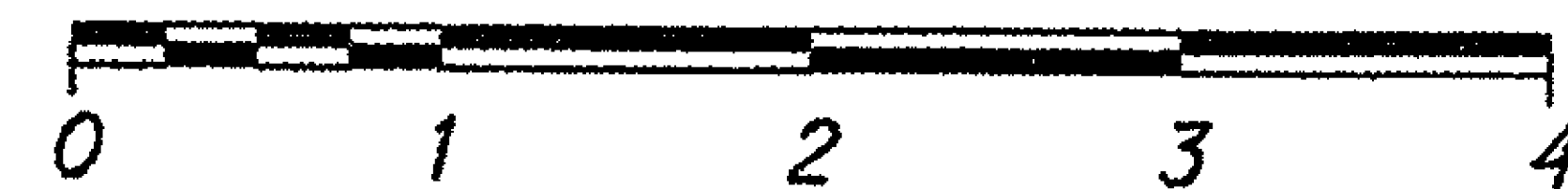
MED-76-0.61
101017 PID 77475
DIST 03 2/25/2010
dp:\001054747\sheet\road\road\54747\1: DESIGN
WORKSTATION: mschafra
DATE: 2002/6/01



LOCATION MAP

LATITUDE: 41° 1' 56" LONGITUDE: 81° 49' 49"

SCALE IN MILES



PORTION TO BE IMPROVED
INTERSTATE & DIVIDED HIGHWAY
UNDIVIDED STATE & FEDERAL ROUTES
OTHER ROADS

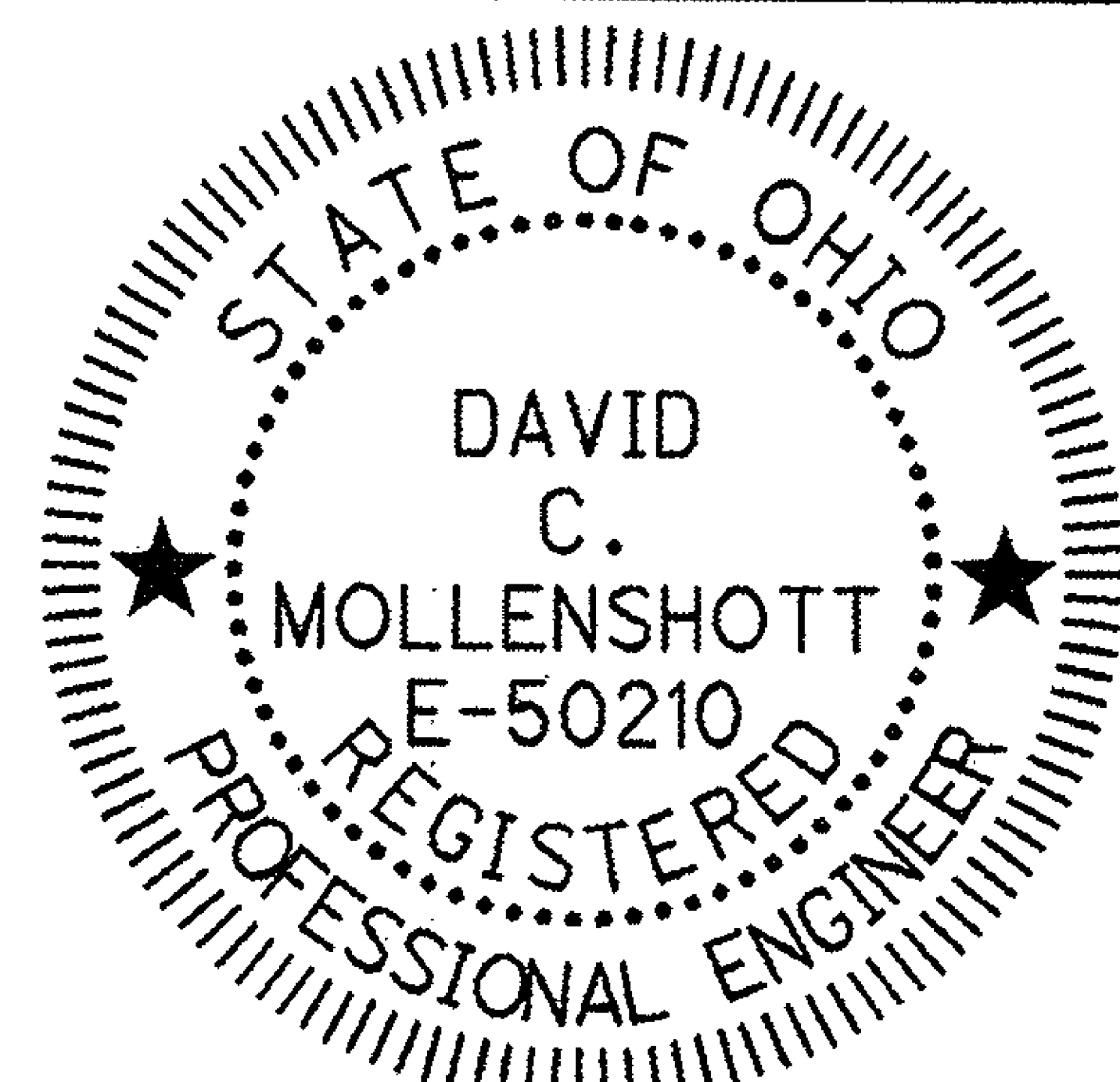
DESIGN DESIGNATION

	0.61-2.32	2.32-7.61
CURRENT ADT (2010)	28290	30470
DESIGN YEAR ADT (2030)	28550	39330
DESIGN HOURLY VOLUME (2030)	2570	3540
DIRECTIONAL DISTRIBUTION	0.51	0.57
TRUCKS (24 HOUR B&C)	.32	0.30
DESIGN SPEED	65	65
LEGAL SPEED	65	65
DESIGN FUNCTIONAL CLASSIFICATION: RURAL INTERSTATE		

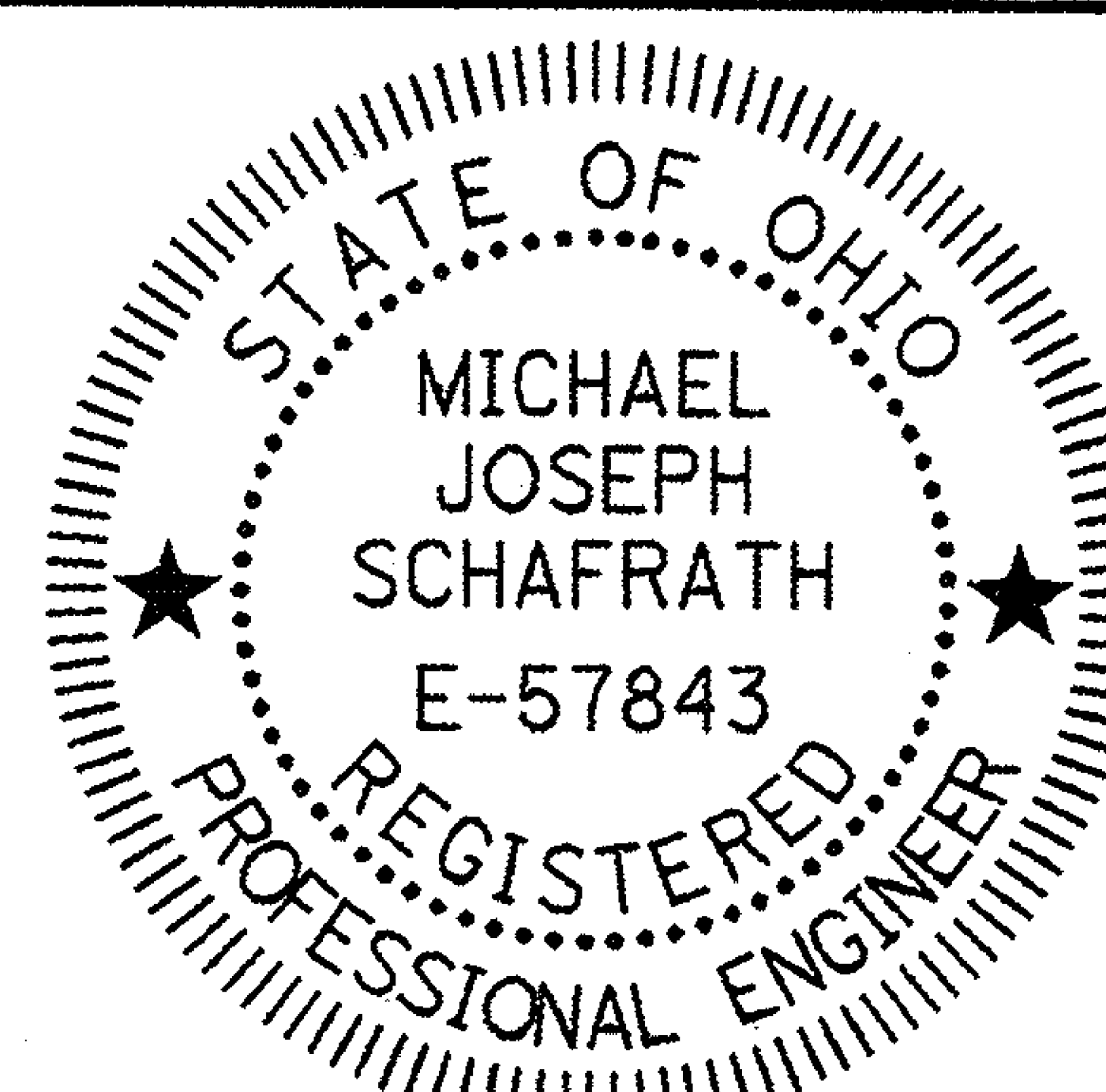
DESIGN EXCEPTIONS APPROVAL DATE JUNE 11, 1992:
GRADED SHOULDER WIDTH
VERTICAL ALIGNMENT & STOPPING SIGHT DISTANCE
HORIZONTAL CLEARANCE

STRUCTURE/CULVERT
ENGINEERS SEAL:

ROADWAY
ENGINEERS SEAL:



SIGNED: David C. Mollenhott
DATE: 10/19/09



SIGNED: Michael J. Schafra
DATE: 10/9/09

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

MED-76-0.61

**VILLAGE OF SEVILLE
WESTFIELD TOWNSHIP
GUILFORD TOWNSHIP
WADSWORTH TOWNSHIP**

INDEX OF SHEETS:

TITLE	1
CENTERLINE MONUMENTATION, REFERENCE TIES, & BENCH MARKS	2
SCHEMATIC PLAN	3-10
MAINLINE & RAMPS PAVING LIMITS	11-16
TYPICAL SECTIONS	17-28
GENERAL NOTES	29-30, 30A
MAINTENANCE OF TRAFFIC NOTES	31-34, 34A
CROSSOVER TYPICAL SECTIONS	35-39
MAINTENANCE OF TRAFFIC TYPICAL SECTIONS	40-41
MAINTENANCE OF TRAFFIC SUBSUMMARY	42
PAVEMENT TRANSITION DETAILS	43
GENERAL SUMMARY	44-47
PAVEMENT & SHOULDER DATA	48-51
PAVEMENT REPAIR QUANTITIES	52-56
U-TURN MEDIAN CROSSOVER DETAILS	57
U-TURN MEDIAN CROSSING SUB-SUMMARY	58
PLAN & PROFILE - PHASE 2 CROSSOVER	59-60
PLAN & PROFILE - PHASE 3 CROSSOVER	61-62
WESTBOUND WEIGH STATION PARKING AREA REPAIRS	63
UNDERDRAIN DETAILS	64-67
UNDERDRAIN QUANTITIES	68-74
DRAINAGE SUB-SUMMARY	75
GUARDRAIL NOTES	76
GUARDRAIL & BARRIER REFLECTOR SUB-SUMMARY	77
PAVEMENT MARKING SUB-SUMMARY	78, 78A
RAISED PAVEMENT MARKER SUB-SUMMARY	79
SIGNING GENERAL NOTES	80-81
SIGNING DETAIL	82
SIGNING PLAN SHEETS	83-103
SIGNING ELEVATIONS	104-105
SIGN SUB-SUMMARY	106-113
STRUCTURE SUMMARY	114-117
STRUCTURE GENERAL NOTES & MOT NOTES	118-120
STRUCTURE INFORMATION	121
STRUCTURE DETAILS	122-138

STANDARD CONSTRUCTION DRAWINGS

BP-2.1	7/18/08	GR-2.1	1/16/04	MT-98.21	7/17/09	TC-22.10	1/19/01	TC-52.20	1/19/07	SS800	10/16/09
BP-2.2	7/18/08	GR-3.1	10/16/09	MT-98.22	7/17/09	TC-22.20	1/19/01	TC-61.30	4/17/09	SS802	01/16/09
BP-2.4	7/16/04	GR-4.2	1/19/07	MT-98.28	7/17/09	TC-31.21	4/20/01	TC-65.10	1/21/05	SS832	05/05/09
BP-3.1	10/19/07	RM-4.1	10/20/06	MT-98.29	7/17/09	TC-32.10	1/19/07	TC-65.11	1/21/05	SS836	04/15/05
BP-6.1	7/28/00	RM-4.2	10/19/07	MT-99.20	1/16/09	TC-32.11	1/19/07	TC-71.10	1/16/09	SS847	10/16/09
BP-9.1	4/15/05			MT-100.00	1/16/09	TC-41.10	10/18/07	TC-72.20	10/16/09	SS902	10/20/08
CB-1.1	7/15/05	MT-35.10	4/20/01	MT-101.60	4/17/09	TC-41.20	1/19/01	TC-73.10	1/19/01		
DM-1.1	4/21/06	MT-95.30	7/17/09	MT-101.70	1/16/09	TC-41.25	4/17/09				
DM-1.2	10/21/05	MT-95.40	7/17/09	MT-101.90	1/16/09	TC-41.30	1/19/07				
DM-1.4	4/21/06	MT-95.62	9/05/06	TC-07.65	1/19/07	TC-42.10	1/19/07				
DM-4.3	4/17/09	MT-97.10	4/17/09	TC-12.30	1/19/07	TC-42.20	7/16/04				
DM-4.4	4/17/09	MT-98.10	7/17/09	TC-15.15	1/19/07	TC-51.11	4/20/01				
GR-1.1	7/16/04	MT-98.11	7/17/09	TC-18.24	1/18/02	TC-51.12	4/20/01				
		MT-98.20	7/17/09	TC-21.20	10/16/09	TC-52.10	1/19/07				

SUPPLEMENTAL
SPECIFICATIONS

SPECIAL
PROVISIONS

PROJECT DESCRIPTION

PAVEMENT PLANING, PAVEMENT REPAIRS, DRAINAGE
WORK, ASPHALT CONCRETE REPLACEMENT, TRAFFIC
CONTROL ITEMS, GUARDRAIL RECONSTRUCTION, AND
STRUCTURE MAINTENANCE.

PROJECT EARTH DISTURBED AREA: N/A (MAINTENANCE
PROJECT)
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: N/A (MAINTENANCE
PROJECT)
NOTICE OF INTENT EARTH DISTURBED AREA: N/A (MAINTENANCE
PROJECT)

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.

2008 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 NOT REQUIRE
THE CLOSING TO TRAFFIC OF THE HIGHWAY AND
THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY
OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS
AND ESTIMATES.

UNDER AUTHORITY OF SECTION 4511.21, DIVISION (H)
OF THE OHIO REVISED CODE, THE REVISED PRIMA FACIA
SPEED LIMITS AS INDICATED HEREIN ARE DETERMINED
TO BE REASONABLE AND SAFE, AND ARE HEREBY
ESTABLISHED FOR THE DURATION OF THIS PROJECT.
THE PRIMA FACIA SPEED LIMIT OR LIMITS HEREBY
ESTABLISHED SHALL BECOME EFFECTIVE WHEN
APPROPRIATE SIGNS GIVING NOTICE THEREOF ARE
ERECTED.

APPROVED:
DATE: 10/9/09 DISTRICT DEPUTY DIRECTOR

APPROVED:
DATE: 10-28-09 DIRECTOR, DEPARTMENT OF
TRANSPORTATION

PLAN PREPARED BY:



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

FEDERAL PROJECT NO.
E040(717)

PID NO.
77475

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

MED-76-0.61

1
138

MED-76-0112 L SFN 5204356

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION	REFERENCE SHEET
SPECIAL	51160000	423	SQ YD	BRIDGE DECK GROOVING	119
512	10100	208	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
847	10201	423	SQ YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2¼" THICK)	119
847	20201	12	CU YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), AS PER PLAN	119
847	30000	LUMP		TEST SLAB	
847	30401	423	SQ YD	EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2¼" NOMINAL THICKNESS)	119

MED-76-0158 L SFN 5204429

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION	REFERENCE SHEET
202	98200	110	FT	REMOVAL MISC.: RUBBER SEAL	118
512	10400	959	SQ YD	TREATING OF CONCRETE BRIDGE DECK WITH SRS	
516	31000	110	FT	JOINT SEALER	

MED-76-0158 R SFN 5204437

ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION	REFERENCE SHEET
202	11301	1	CU YD	PORTIONS OF STRUCTURE REMOVED. AS PER PLAN	119
202	98200	80	FT	REMOVAL MISC.: RUBBER SEAL	118
511	34401	1	CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)	119
512	10400	969	SQ YD	TREATING OF CONCRETE BRIDGE DECK WITH SRS	
512	10600	875	FT	CONCRETE REPAIR BY EPOXY INJECTION	
516	31000	80	FT	JOINT SEALER	

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS:

REFER TO THE FOLLOWING SUPPLEMENTAL SPECIFICATION:

847 DATED 10/16/09

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 OBSERVATION 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.

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 THAT HAVE BEEN VERIFIED BY THE CONTRACTOR IN THE FIELD.

DESIGN SPECIFICATIONS:

THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATION FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2002, INCLUDING THE 2003, 2004, 2005 AND 2006 SPECIFICATIONS AND THE ODOT BRIDGE DESIGN MANUAL.

DECK PROTECTION METHOD:

SUPERPLASTICIZED DENSE CONCRETE OVERLAY
SRS DECK SEALING
EPOXY INJECTION OF DECK CRACKS

DESIGN DATA:

CLASS S CONCRETE- COMPRESSIVE STRENGTH 4.5 KSI (SUPERSTRUCTURE)

EXISTING PLANS:

THE ORIGINAL CONSTRUCTION PLANS OF THE EXISTING BRIDGES ARE AVAILABLE UPON REQUEST AT THE DISTRICT 3 OFFICE OF THE OHIO DEPARTMENT OF TRANSPORTATION, ASHLAND, OH.

STRUCTURE #	PLAN NAME	DATE
MED-76-0112L	MED-224-16.07	1958
	MED-76-0.61	1995
MED-76-0158L	MED-76-0.61	1995
	MED-71-6.06	2006
MED-76-0158R	MED-76-0.61	1995
MED-76-0299L	MED-224-15.75/SUM-224-0.00	1964
	MED-76-0.61	1995
MED-76-0299R	MED-224-17.66/SUM-224-0.00	1964
	MED-76-0.61	1995
MED-76-031I	MED-224-15.75/SUM-224-0.00	1964
	MED-76-0.61	1995
MED-76-0399	MED-224-15.75/SUM-224-0.61	1964
	MED-76-0.61	1995
MED-76-051I	MED-224-15.75/SUM-224-0.61	1964
	MED-76-0.61	1995
MED-76-0622L/R	MED-224-17.66/SUM-224-0.00	1964
	MED-76-0.61	1995
MED-76-0690L/R	MED-224-17.66/SUM-224-0.00	1964
	MED-76-0.61	1995

PLACING ASPHALT CONCRETE ON APPROACHES TO BRIDGES:

SPECIAL CARE SHALL BE TAKEN, WHEN PLACING THE ASPHALT CONCRETE BUTT JOINT TO EFFECT A SMOOTH TRANSITION FROM THE EXISTING APPROACH PAVEMENT TO THE BRIDGE DECK. THE CONTRACTOR'S ATTENTION IS CALLED TO STANDARD DRAWING BP-3.1 FOR REQUIRED TOLERANCES.

ITEM 202 - REMOVAL MISC.: RUBBER SEAL:

THIS ITEM SHALL BE USED TO REMOVE THE EXISTING ELASTOMERIC COMPRESSION SEAL GLAND BETWEEN THE APPROACH SLAB AND THE CONCRETE DECK.

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

DESIGN FILE: I:\projects\77475\structures\stnotes.dgn
WORKSTATION:dmollens DATE:10/14/2009

ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN:

THIS ITEM SHALL BE USED AT LOCATIONS IN THE PLAN.

THE EXISTING REINFORCING STEEL SHALL BE PRESERVED AS INDICATED IN THE PLANS. EXISTING CONCRETE SHALL BE REMOVED IN A MANNER THAT WILL NOT CUT, ELONGATE, OR DAMAGE THE EXISTING REINFORCING STEEL TO BE PRESERVED.

THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAMS WILL NOT BE PERMITTED. CHIPPING HAMMERS SHALL BE LIMITED TO THE 90 POUND CLASS.

SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS 1 INCH DEEP. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING REINFORCING STEEL 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.

IF ANY REINFORCING STEEL IS DAMAGED BY THE CONTRACTOR, THE CONTRACTOR SHALL REPLACE THE REINFORCING STEEL AT NO COST TO THE STATE.

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

ITEM 511 - CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR):

THE COARSE AGGREGATE SHALL BE LIMESTONE.

THE TYPE A WATERPROOFING SHALL BE INCLUDED IN THIS ITEM.

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 SPECIAL - BRIDGE DECK GROOVING:

THE BRIDGE DECK GROOVING SHALL MEET CMS 511.20.

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 847 - EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2 1/4" NOMINAL THICKNESS):

THIS ITEM SHALL BE USED TO REMOVE THE EXISTING OVERLAY AS PER DETAILS IN THE PLAN.

THE THICKNESS OF THE EXISTING CONCRETE OVERLAY TO BE REMOVED SHALL BE AS SPECIFIED IN THE PLANS, REGARDLESS OF THE AMOUNT OF SOLID EXISTING CONCRETE OVERLAY REMAINING.

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

ITEM 847 - SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2 1/4" THICK):

THE COARSE AGGREGATE SHALL BE LIMESTONE.

THE SURFACE FINISH REQUIREMENTS SHALL BE AS PER CMS 511.19 AND 511.20 (BRIDGE DECK GROOVING) IN LIEU OF THAT WHICH IS SPECIFIED IN SUPPLEMENTAL SPECIFICATION 847.

SEE THE SUPPLEMENTAL SPECIFICATION FOR DETAILS.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER SQUARE YARD FOR THE ABOVE ITEMS WHICH SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ITEM 847 - SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), AS PER PLAN:

THE COARSE AGGREGATE SHALL BE LIMESTONE.

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

STRUCTURE GENERAL NOTES

MED-76-0.61

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09

REVIEWED
RDN

DRAWN
DCM

DESIGNED
DCM
CHECKED
DJV

119
138

- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0112L:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0158L:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0158R:

THE ABOVE STRUCTURES SHALL BE WORKED ON USING THE PART WIDTH CONSTRUCTION SETUP FOR THE CORRESPONDING ROADWAY WORK.

- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0299L:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0299R:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0622L:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0622R:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0690L:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0690R:

THE ABOVE STRUCTURES SHALL BE WORKED ON USING THE CONSTRUCTION SETUP FOR THE CORRESPONDING ROADWAY WORK.

- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0311:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0399:
- 614 - MAINTAINING TRAFFIC FOR STRUCTURE MED-76-0516:

TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT DURING WORKING HOURS WHEN ONE LANE MAY BE CLOSED USING FLAGGERS, AS PER STANDARD DRAWING MT-97.10.

SEALING PARAPETS OVER I-76 ROADWAY PORTIONS, SHALL ONLY OCCUR WHEN THE TRAFFIC HAS BEEN REMOVED FROM UNDER THE STRUCTURE.

NO EQUIPMENT OR MATERIAL SHALL BE LOCATED OTHER THAN BEHIND THE DRUMS.

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 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

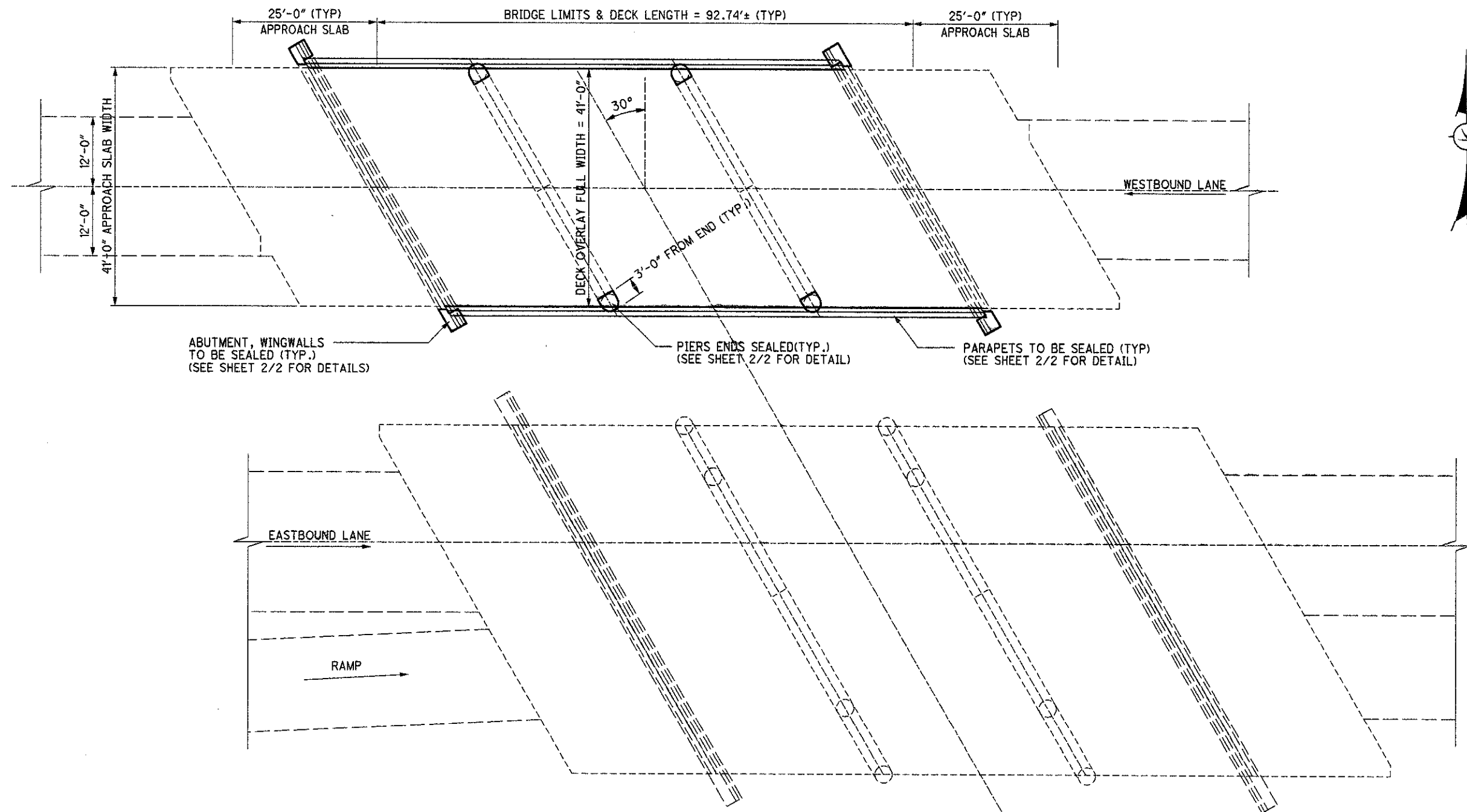
DESIGN AGENCY	DISTRICT THREE	
	OFFICE OF PRODUCTION	
DATE	9/09	
REVIEWED	RDN	
DRAWN	DCM	
DESIGNED	DCM	DJV
STRUCTURE		NOTES
MAINTENANCE OF TRAFFIC		
MED-76-0,61		
120		138

STRUCTURE FILE NO.	BRIDGE NO.	LOCATION	BRIDGE TYPE	SKEW	BRIDGE LIMITS	DECK WIDTH	PROPOSED WORK
5202922	MED-76-0091	UNDER I - 71	4 SPAN STEEL GIRDER	60°46'± R.F.	419'-0"±	72'-0"±	NO WORK
5202957	MED-76-0095	UNDER I - 71	4 SPAN STEEL GIRDER	59°52'± R.F.	416'-11"±	62'-4"±	NO WORK
5204356	MED-76-0112 L	OVER CHIPPEWA DITCH	3 SPAN CONCRETE SLAB	30° R.F.	92'-9"±	41'-0"±	DECK OVERLAY, SEALING PARAPETS, WINGWALLS/ABUTMENT AND PIER CAP ENDS
5204399	MED-76-0112 R	OVER CHIPPEWA DITCH	3 SPAN CONCRETE SLAB	30° R.F.	92'-5"±	59'-10"±	NO WORK
5204429	MED-76-0158 L	OVER B & O RAILROAD & RYAN RD (C.R. 40).	4 SPAN STEEL BEAM	0°	218'-0"±	54'-7"±	DECK SEALING & EXPANSION JOINT REPAIR
5204437	MED-76-0158 R	OVER B & O RAILROAD & RYAN RD (C.R. 40).	4 SPAN STEEL BEAM	0°	218'-0"±	40'-0"±	DECK SEALING, EXPANSION JOINT REPAIR AND EPOXY INJECTION
5200091	MED-76-0232	UNDER S.R. 3	4 SPAN STEEL BEAM	3° 55'± L.F.	211'-6"±	62'-0"	NO WORK
5204593	MED-76-0299 L	OVER HUBBARD CREEK	3 SPAN CONCRETE SLAB	0°	99'-0"±	38'-0"±	DECK REPAIR & OVERLAY, SEALING PARAPETS & WINGWALLS/ABUTMENT, EXPANSION JOINT REPAIR
5204658	MED-76-0299 R	OVER HUBBARD CREEK	3 SPAN CONCRETE SLAB	0°	99'-0"±	41'-0"±	DECK REPAIR & OVERLAY, SEALING PARAPETS & WINGWALLS/ABUTMENT, EXPANSION JOINT REPAIR, APPROACH SLAB REPAIR AND SLOPE PROTECTION
5204682	MED-76-0311	UNDER T.H. 93	4 SPAN STEEL BEAM	1° 40'± L.F.	207'-2"±	26'-8"±	DECK & PARAPET SEALING
5204704	MED-76-0399	UNDER C.H. 41	4 SPAN STEEL BEAM	1° 40'± L.F.	207'-2"±	28'-0"±	DECK & PARAPET SEALING
5204712	MED-76-0516	UNDER C.H. 105	4 SPAN STEEL BEAM	0°	207'-2"±	28'-0"±	DECK & PARAPET SEALING
5204747	MED-76-0622 L	OVER C.H. 49	3 SPAN CONCRETE SLAB	0°	112'-0"±	43'-4"±	DECK REPAIR & OVERLAY, SEALING PARAPETS & WINGWALLS/ABUTMENT, EXPANSION JOINT REPAIR
5204771	MED-76-0622 R	OVER C.H. 49	3 SPAN CONCRETE SLAB	0°	112'-0"±	43'-4"±	DECK OVERLAY, SEALING PARAPETS & WINGWALLS/ABUTMENT, EXPANSION JOINT REPAIR
5204801	MED-76-0690 L	OVER RIVER STYX	3 SPAN CONCRETE SLAB	20° ± R.F.	86'-1"±	41'-0"±	DECK REPAIR & OVERLAY, SEALING PARAPETS & WINGWALLS/ABUTMENT, EXPANSION JOINT REPAIR
5204836	MED-76-0690 R	OVER RIVER STYX	3 SPAN CONCRETE SLAB	20° ± R.F.	86'-1"±	41'-0"±	DECK OVERLAY, SEALING PARAPETS & WINGWALLS/ABUTMENT, EXPANSION JOINT REPAIR

STRUCTURE INFORMATION

MED-76-0.61

DESIGN FILE: I:\projects\77475\structures\MED76\med760112.dgn
WORKSTATION: dmollens DATE: 10/14/2009



PLAN VIEW

ITEM	QUANTITY		UNIT	DESCRIPTION
	0112L	0112R		
SPECIAL	423		SQ YD	BRIDGE DECK GROOVING
512	208		SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
847	423		SQ YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2 1/4" THICK)
847	12		CU YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), AS PER PLAN
847	LUMP			TEST SLAB
847	423		SQ YD	EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2 1/4" NOMINAL THICKNESS)

ALL QUANTITIES CARRIED TO STRUCTURE SUMMARY SHEET

NOTES:

1. NO WORK ON THE RIGHT STRUCTURE.
2. GUARDRAIL NOT SHOWN.
3. ON THE LEFT STRUCTURE, THE EXISTING 2" THICK CONCRETE OVERLAY AND 1/4" OF ADDITIONAL DECK THICKNESS, SHALL BE REMOVED USING ITEM 847-EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2 1/4" NOMINAL THICKNESS).
4. THE LEFT STRUCTURE BRIDGE DECK SHALL BE OVERLAYED USING ITEM 847-SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2 1/4" THICK).
5. SEE SHEET 2/2 FOR OVERLAY DETAILS.
6. SEE SHEET 2/2 FOR SEALING DETAILS.

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
REVIEWED
RDN
STRUCTURE FILE NUMBER
5204356/5204399
DRAWN
GTS
DESIGNED
GTS
CHECKED
DJV

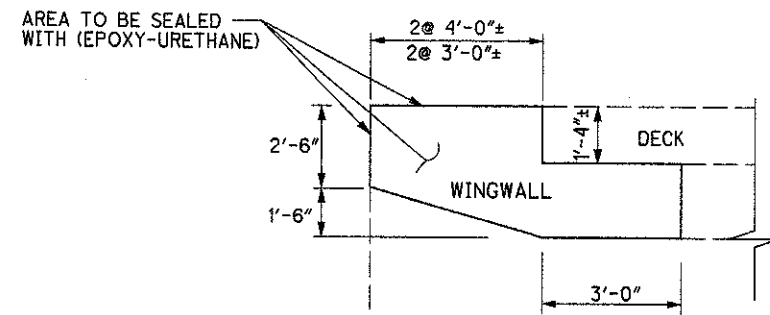
PLAN VIEW
MED-76-0112L&R OVER CHIPPEWA DITCH

MED-76-0.61

1 / 2

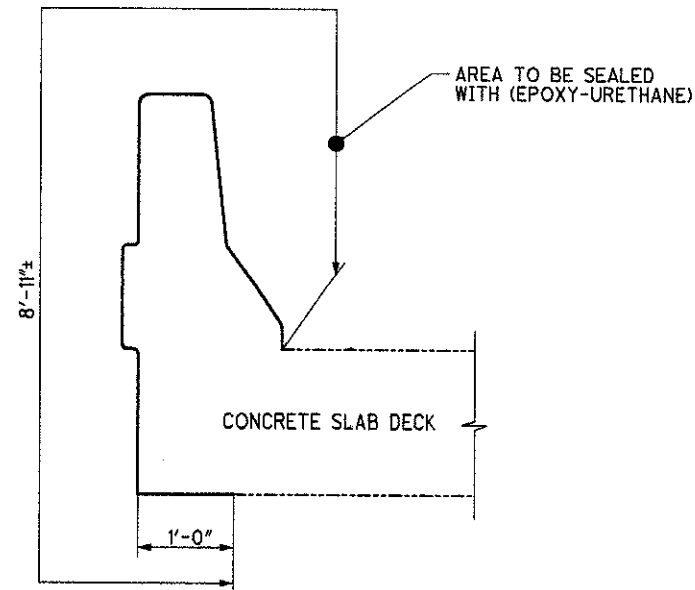
122
138

DESIGN FILE: I:\projects\77475\structures\MED76\med760112.dgn
WORKSTATION: dmollens DATE: 10/14/2009



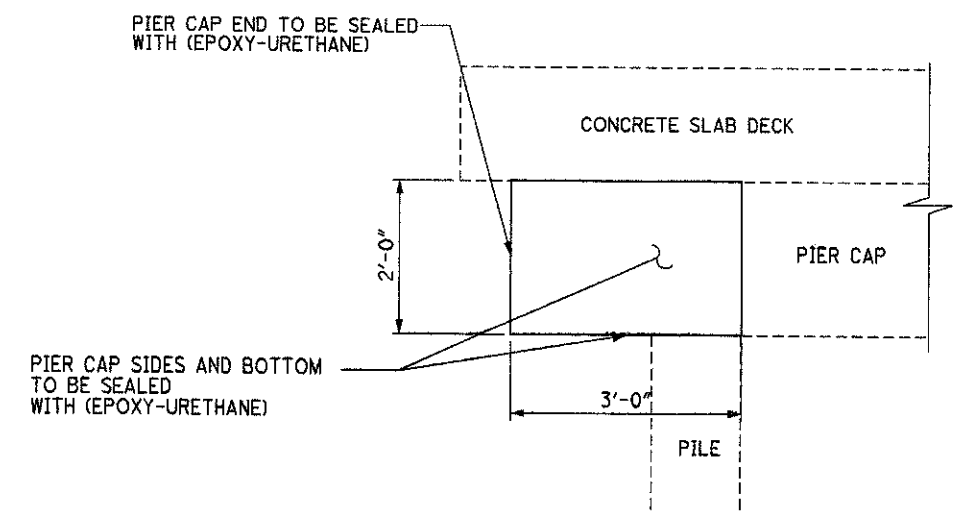
TYPICAL WINGWALL/ABUTMENT SEALING

(WINGWALLS ARE 1'-3" WIDE)
LEFT BRIDGE ONLY



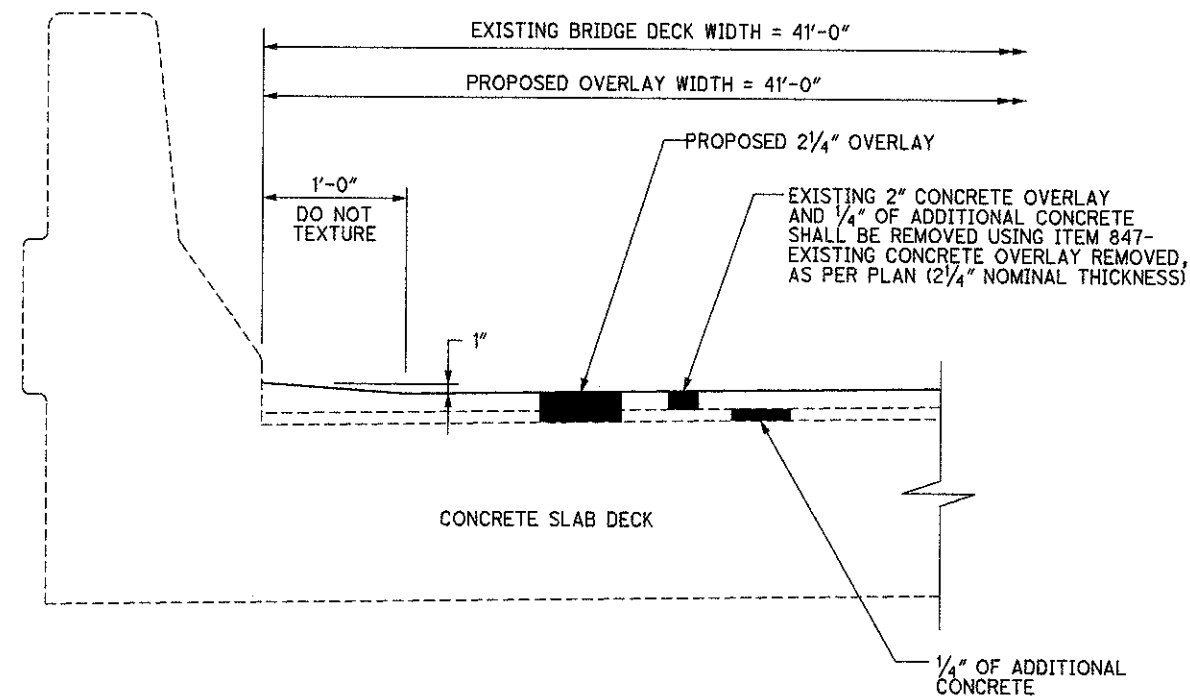
TYPICAL PARAPET SEALING

LENGTH = 92.8'±(LEFT BRIDGE ONLY)



TYPICAL PIER CAP SEALING

PIER CAP WIDTH = 3'-0"
LEFT BRIDGE ONLY



OVERLAY DETAIL

DECK LENGTH 92'-9"±

NOTES:

- 1) THE PARAPETS, WINGWALLS AND PIER CAP ENDS SHALL BE SEALED WITH ITEM 512.

ITEM	QUANTITY	UNIT	DESCRIPTION
512	208	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)

ALL QUANTITIES CARRIED TO SHEET 1/2.

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
REVIEWED
RDN
STRUCTURE FILE NUMBER
5204356

DRAWN
GTS
CHECKED
GTS
DESIGNED
DUV

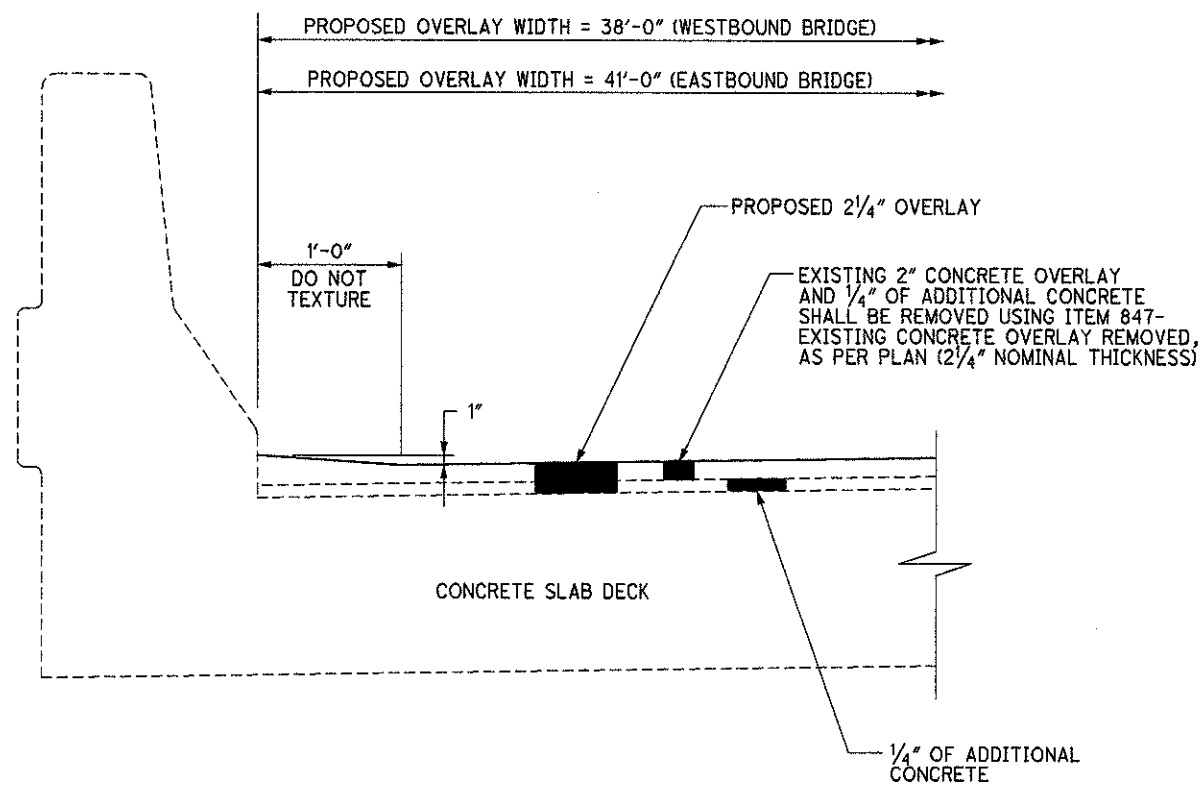
SEALING AND OVERLAY DETAIL
MED-76-0112L OVER CHIPPEWA DITCH

MED-76-0.61

2 / 2

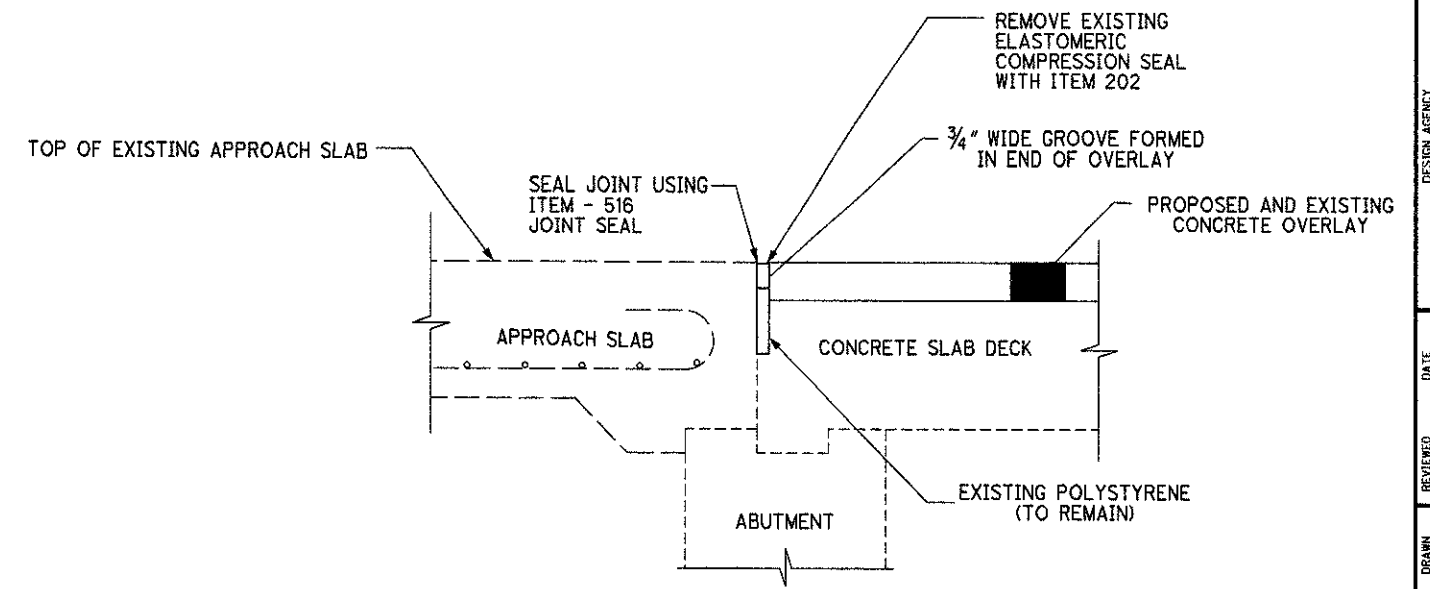
123
138

DESIGN FILE: I:\projects\77475\structures\MED76\med760299.dgn
WORKSTATION:dmollens DATE:10/14/2009



OVERLAY DETAIL

DECK LENGTH 99'-0"±



JOINT SEALING DETAIL

LEFT BRIDGE WIDTH = 38'-0"±
RIGHT BRIDGE WIDTH = 41'-0"±

ITEM	QUANTITY		UNIT	DESCRIPTION
	0299L	0299R		
202	76	82	FT	REMOVAL MISC.: RUBBER SEAL
516	76	82	FT	JOINT SEALER

ALL QUANTITIES CARRIED TO SHEET 1/4.

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
REVIEWED
RDN
STRUCTURE FILE NUMBER
5204593/5204658

DRAWN
GTS
DESIGNED
GTS
CHECKED
DJV

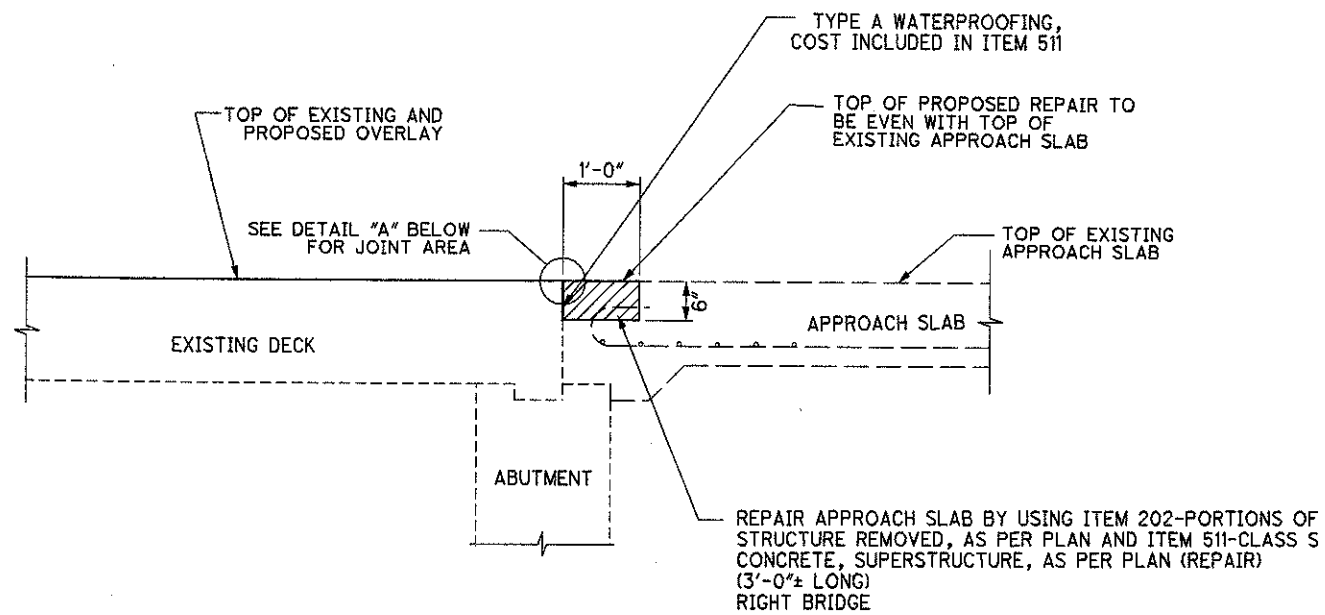
OVERLAY AND JOINT SEALING DETAIL
MED-76-0299 L/R OVER HUBBARD CREEK

MED-76-0.61

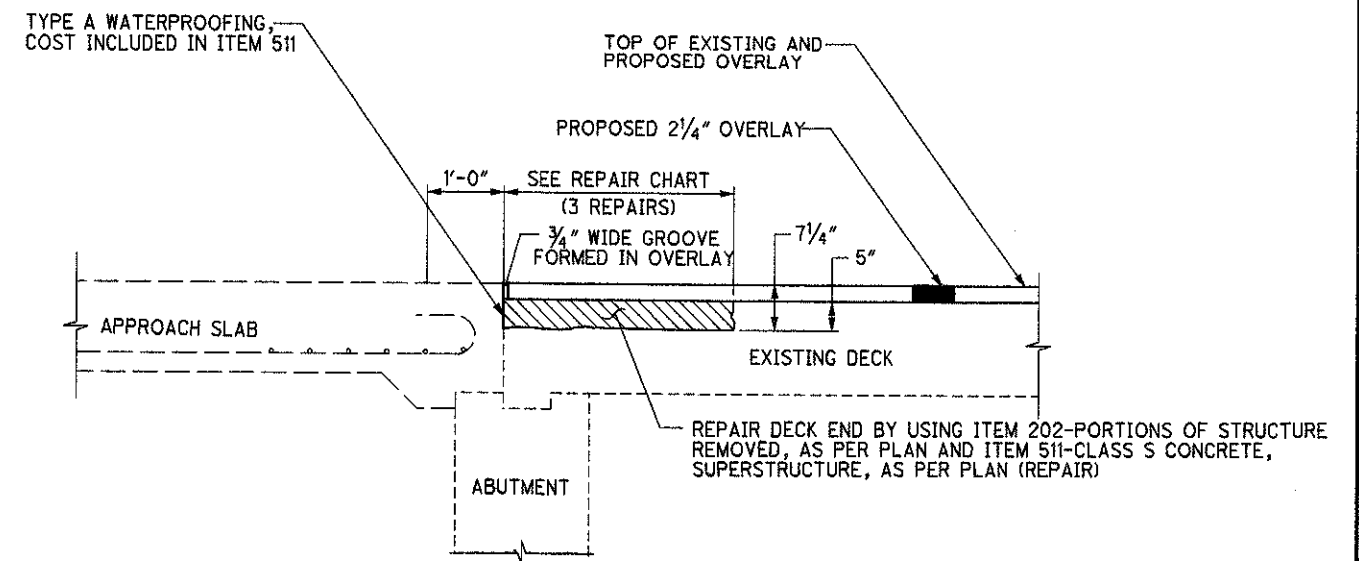
3 / 4

128
138

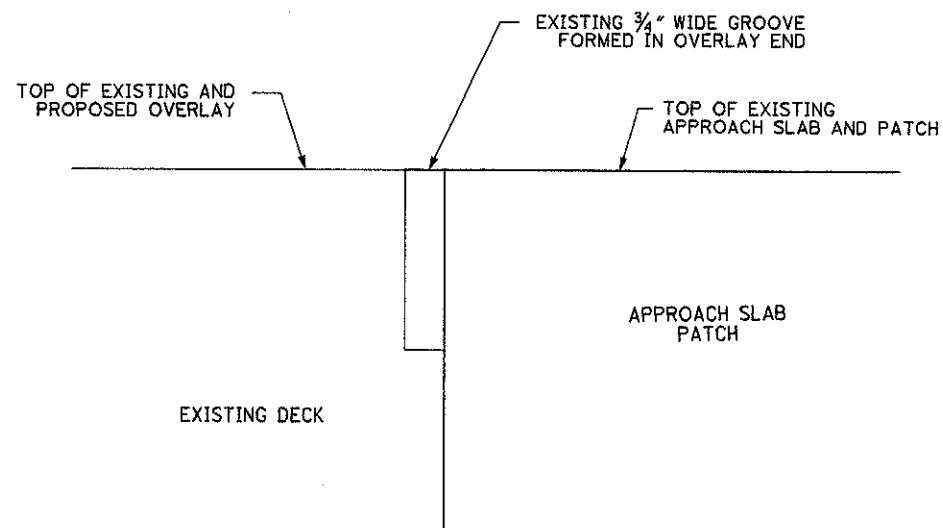
DESIGN FILE: I:\projects\77475\structures\MED76\med760299.dgn
WORKSTATION: dmollens DATE: 10/14/2009



APPROACH SLAB REPAIR DETAIL



DECK END REPAIR DETAIL



DETAIL "A"

- REPAIR APPROACH SLAB BY USING ITEM 202-PORCTIONS OF STRUCTURE REMOVED, AS PER PLAN AND ITEM 511-CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)
- REPAIR DECK END BY USING ITEM 202-PORCTIONS OF STRUCTURE REMOVED, AS PER PLAN AND ITEM 511-CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)

DECK END REPAIR CHART			
LENGTH	WIDTH	DEPTH	LOCATION
10'-0"±	4'-0"±	5"±	FORWARD ABUTMENT, WESTBOUND LEFT
6'-0"±	3'-6"±	5"±	FORWARD ABUTMENT, EASTBOUND RIGHT
4'-0"±	2'-0"±	5"±	REAR ABUTMENT, EASTBOUND RIGHT

ITEM	QUANTITY		UNIT	DESCRIPTION
	0299L	0299R		
202	1.1	1.1	CU YD	PORCTIONS OF STRUCTURE REMOVED, AS PER PLAN
511	1.1	1.1	CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)

ALL QUANTITIES CARRIED TO SHEET 1/4.

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
REVIEWED
RDN
STRUCTURE FILE NUMBER
5204593/5204658

DRAWN
GTS
DESIGNED
GTS
CHECKED
DJV

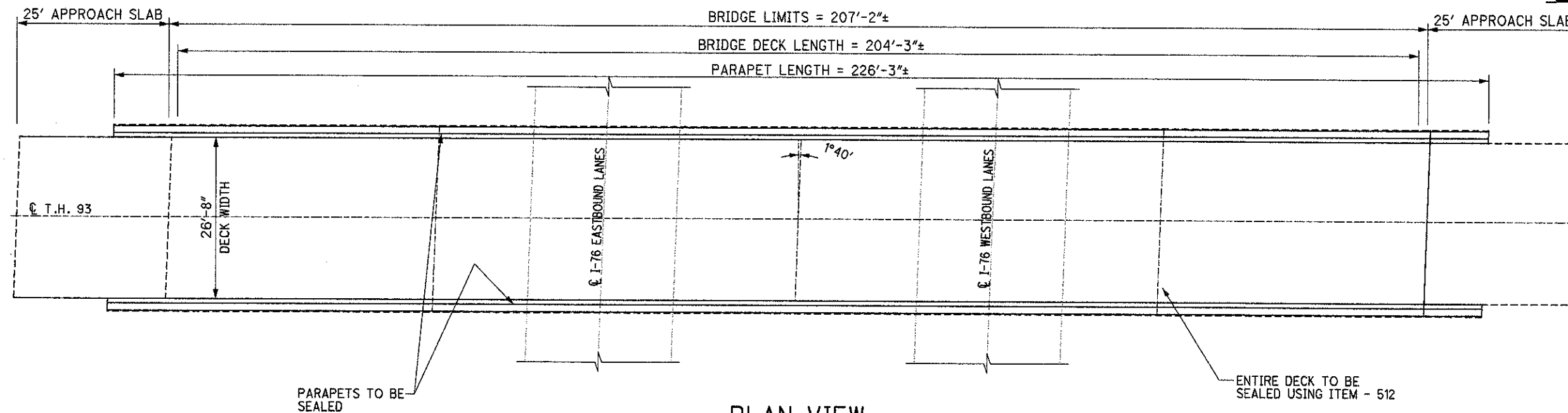
APPROACH SLAB AND DECK END REPAIR DETAILS
MED-76-0299 L/R OVER HUBBARD CREEK

MED-76-0.61

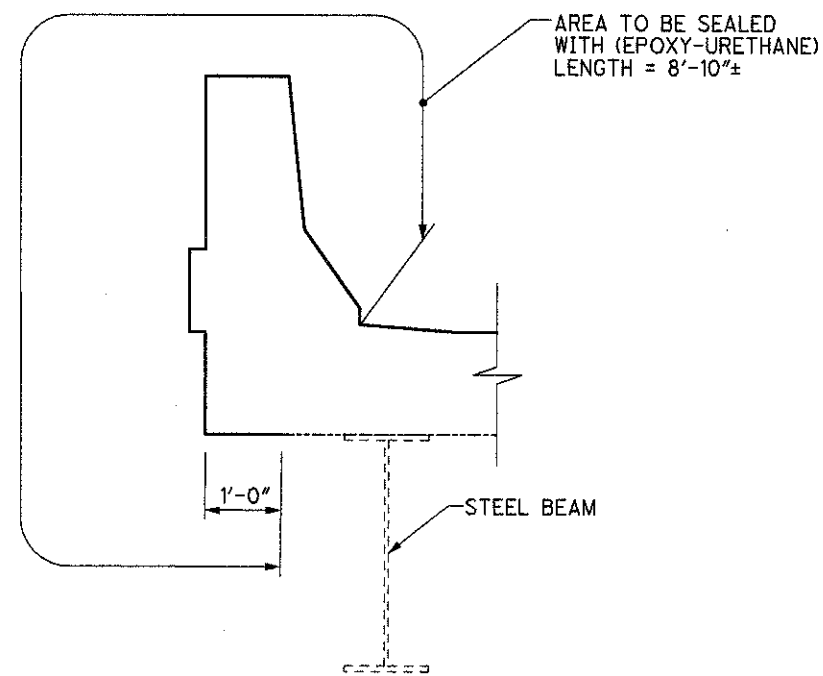
4 / 4

129
138

DESIGN FILE: I:\projects\77475\structures\MED76\med760311.dgn
WORKSTATION: dmollens DATE: 10/14/2009

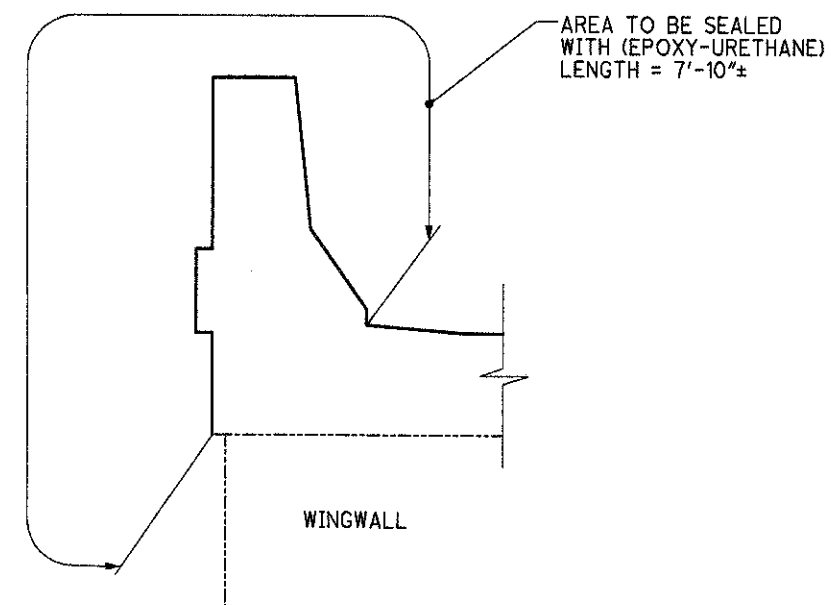


PLAN VIEW



TYPICAL PARAPET
ON DECK

LENGTH = 204'-3"±



TYPICAL PARAPET
ON WINGWALL

LENGTH = 11'-0"±/WINGWALL

ITEM	QUANTITY	UNIT	DESCRIPTION
512	441	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
512	606	SQ YD	TREATING OF CONCRETE BRIDGE DECK WITH SRS

QUANTITIES CARRIED TO STRUCTURE SUMMARY SHEET

NOTES:

- 1) GUARDRAIL NOT SHOWN.
- 2) THE PARAPETS SHALL BE SEALED WITH ITEM 512-SEALING OF CONCRETE SURFACES (EPOXY-URETHANE).
- 3) THE ENTIRE DECK SHALL BE SEALED WITH ITEM 512-TREATING OF CONCRETE BRIDGE DECK WITH SRS.

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
REVIEWED
RDN
STRUCTURE FILE NUMBER
5204682

DRAWN
GTS
REVISED
GTS
CHECKED
DJV

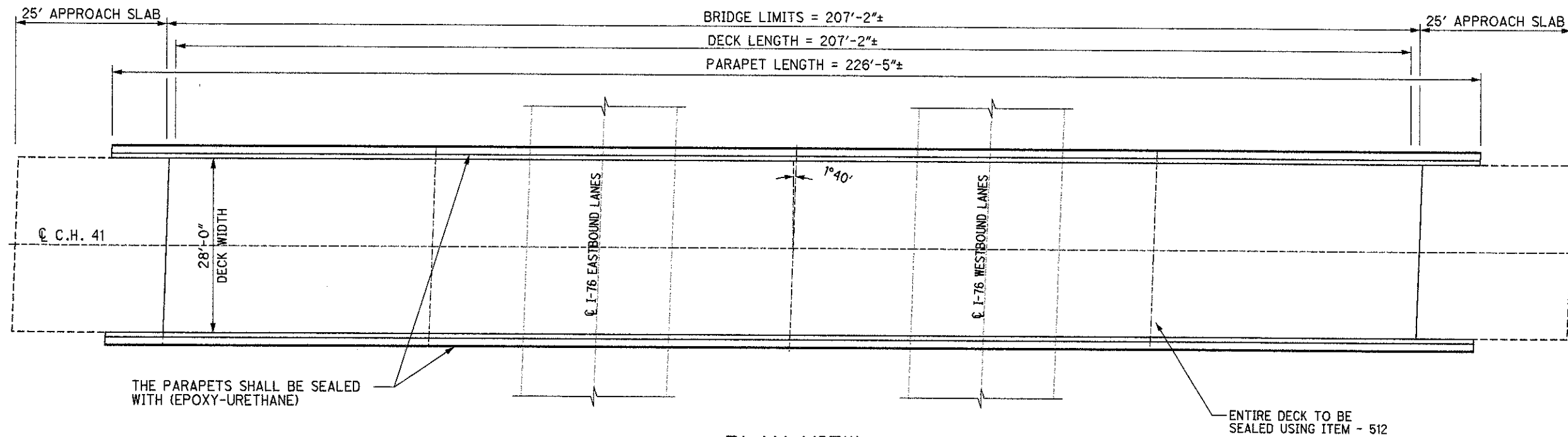
PLAN VIEW
MED-76-0311 OVER T.H. 93

MED-76-0.61

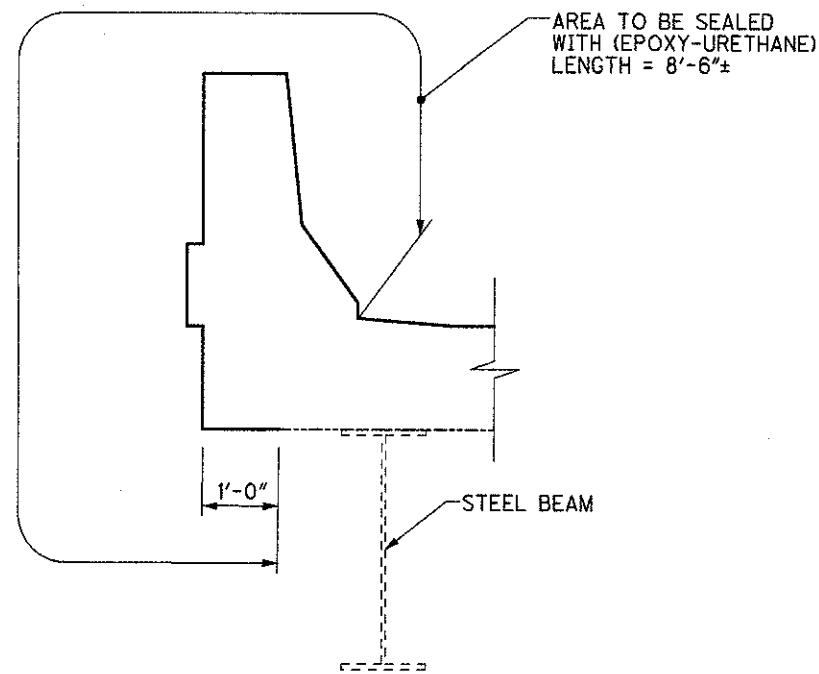
1 / 1

130
138

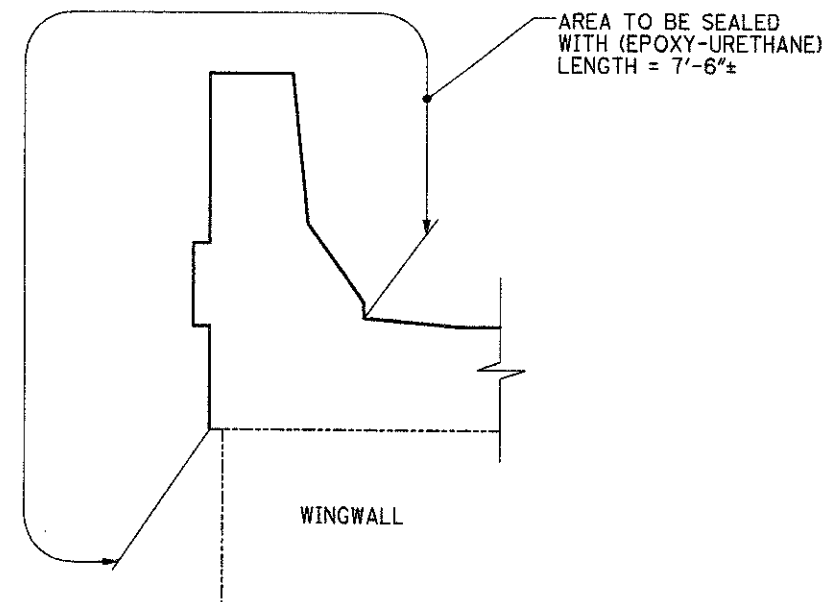
DESIGN FILE: i:\projects\77475\structures\MED76\med760399.dgn
WORKSTATION: dmollens DATE: 10/14/2009



PLAN VIEW



TYPICAL PARAPET ON DECK
LENGTH = 204'-5"±



TYPICAL PARAPET ON WINGWALL
LENGTH = 11'-0"±/WINGWALL

ITEM	QUANTITY	UNIT	DESCRIPTION
512	424	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
512	645	SQ YD	TREATING OF CONCRETE BRIDGE DECK WITH SRS

QUANTITIES CARRIED TO STRUCTURE SUMMARY SHEET

NOTES:

- 1) GUARDRAIL NOT SHOWN.
- 2) THE PARAPETS SHALL BE SEALED WITH ITEM 512-SEALING OF CONCRETE SURFACES (EPOXY-URETHANE).
- 3) THE ENTIRE DECK SHALL BE SEALED WITH ITEM 512-TREATING OF CONCRETE BRIDGE DECK WITH SRS.

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
REVIEWED
RDN
STRUCTURE FILE NUMBER
5204704

DRAWN
GTS
DESIGNED
GTS
CHECKED
DJV

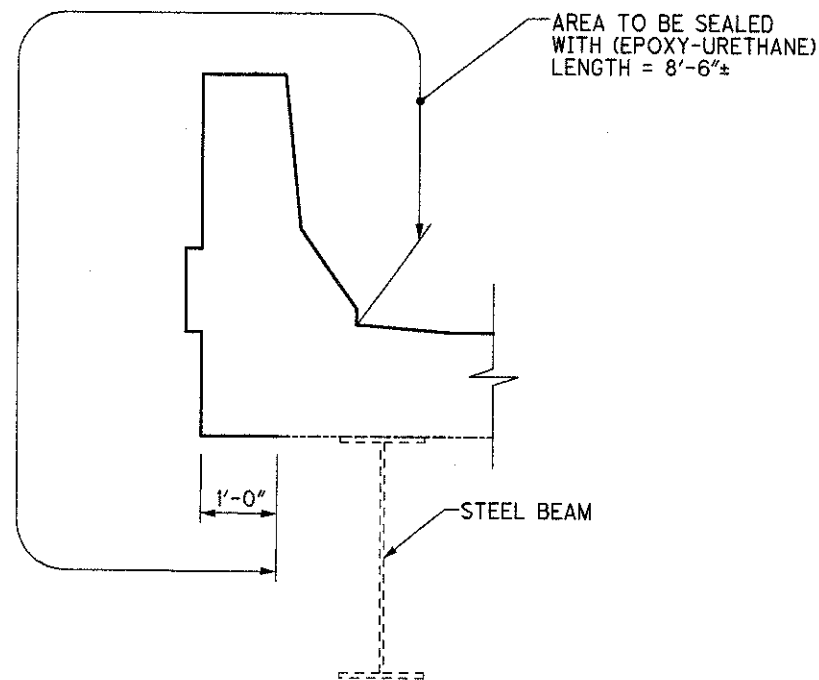
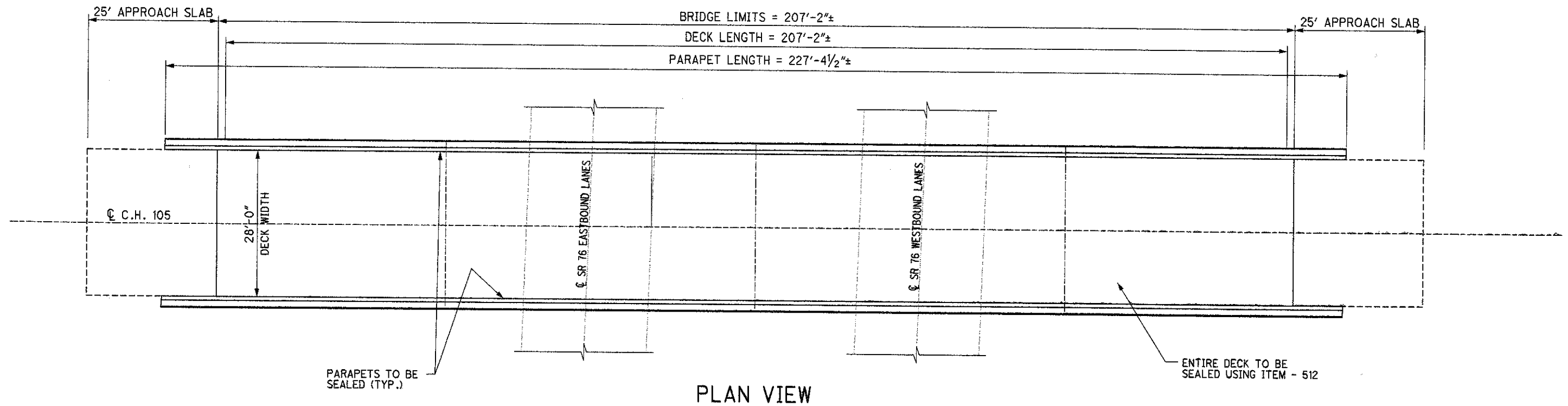
PLAN VIEW
MED-76-0399 UNDER C.H. 41

MED-76-0.61

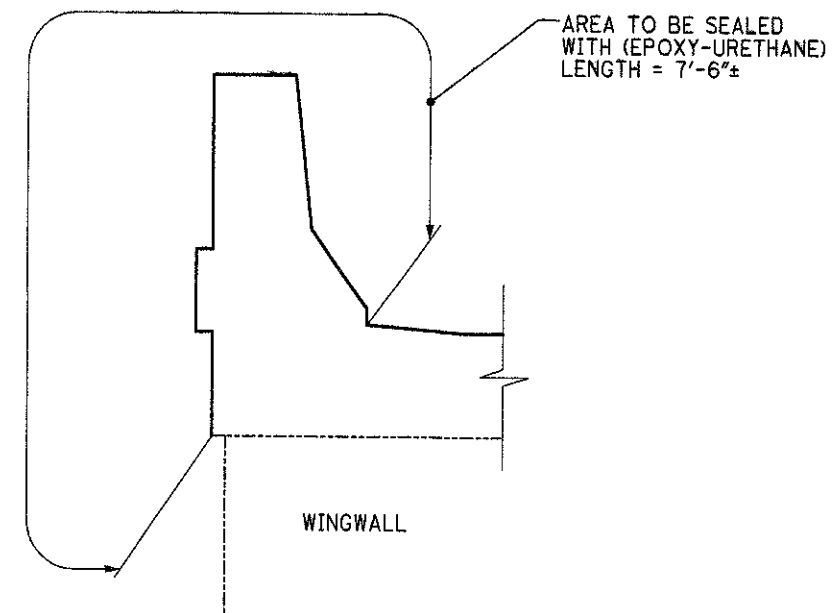
1 / 1

131
138

DESIGN FILE: I:\projects\77475\structures\MED76\med760516.dgn
WORKSTATION: dmollens DATE: 10/14/2009



TYPICAL PARAPET ON DECK
LENGTH = 204'-4 1/2"±



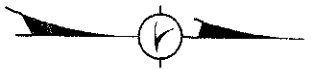
TYPICAL PARAPET ON WINGWALL
LENGTH = 11'-6"±/WINGWALL

ITEM	QUANTITY	UNIT	DESCRIPTION
512	426	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
512	645	SQ YD	TREATING OF CONCRETE BRIDGE DECK WITH SRS

QUANTITIES CARRIED TO STRUCTURE SUMMARY SHEET

NOTES:

- 1) GUARDRAIL NOT SHOWN.
- 2) THE PARAPETS SHALL BE SEALED WITH ITEM 512-SEALING OF CONCRETE SURFACES (EPOXY-URETHANE).
- 3) THE ENTIRE DECK SHALL BE SEALED WITH ITEM 512-TREATING OF CONCRETE BRIDGE DECK WITH SRS.



DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
RDN
STRUCTURE FILE NUMBER
5204712

DRAWN
GTS
DESIGNED
GTS
CHECKED
DUJ

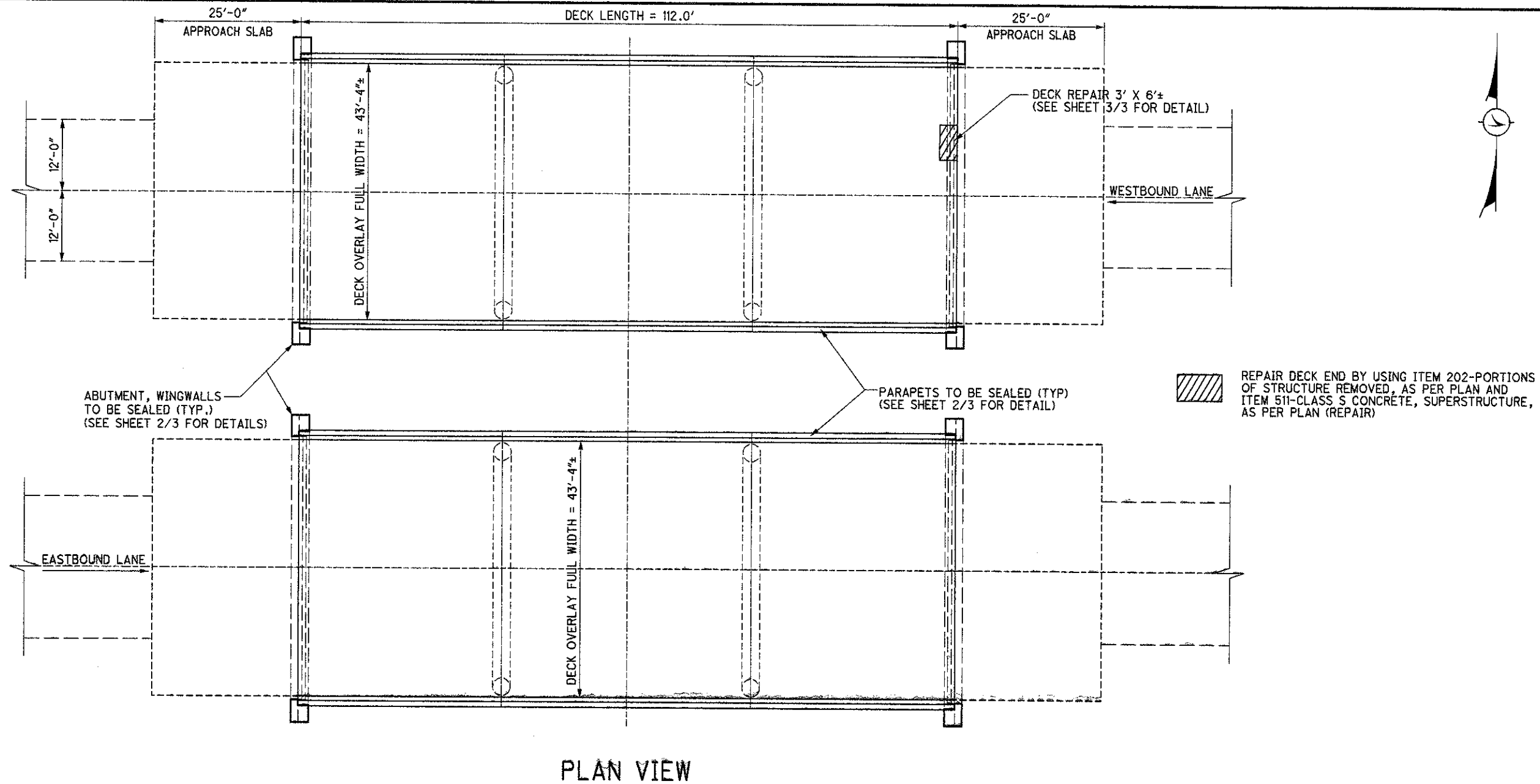
PLAN VIEW
MED-76-0516 UNDER C.H. 105

MED-76-0.61

1 / 1

132
138

DESIGN FILE: i:\projects\77475\structures\MED76\med760622.dgn
WORKSTATION: dmollens DATE: 10/14/2009



ITEM	QUANTITY		UNIT	DESCRIPTION
	0622L	0622R		
202	.3		CU YD	PORCTIONS OF STRUCTURE REMOVED, AS PER PLAN
202	87	87	FT	REMOVAL MISC.: RUBBER SEAL
511	.3		CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)
SPECIAL	540	540	SQ YD	BRIDGE DECK GROOVING
512	244	244	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
516	87	87	FT	JOINT SEALER
847	540	540	SQ YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2 1/4" THICK)
847	15	14	CU YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), AS PER PLAN
847	LUMP	LUMP		TEST SLAB
847	540	540	SQ YD	EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2 1/4" NOMINAL THICKNESS)

ALL QUANTITIES CARRIED TO STRUCTURE SUMMARY SHEET

NOTES:

1. GUARDRAIL NOT SHOWN.
2. REMOVE EXISTING RUBBER SEAL IN JOINT BETWEEN APPROACH SLAB AND DECK.
3. THE EXISTING 2" THICK CONCRETE OVERLAY AND 1/4" OF ADDITIONAL DECK THICKNESS, SHALL BE REMOVED USING ITEM 847-EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2 1/4" NOMINAL THICKNESS).
4. PATCH ENDS OF EXISTING DECK AFTER OVERLAY HAS BEEN REMOVED AT THE LOCATION SHOWN ABOVE AND DETAILS ON SHEET 3/3 USING ITEMS 202 AND 511.
5. THE BRIDGE DECKS SHALL BE OVERLAYED USING ITEM 847-SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2 1/4" THICK).
6. SEAL JOINT WITH ITEM 516.
7. SEE SHEET 3/3 FOR OVERLAY DETAILS.
8. SEE SHEET 2/3 FOR SEALING DETAILS.

PLAN VIEW
MED-76-0622 L/R OVER C.H. 49

MED-76-0.61

1 / 3

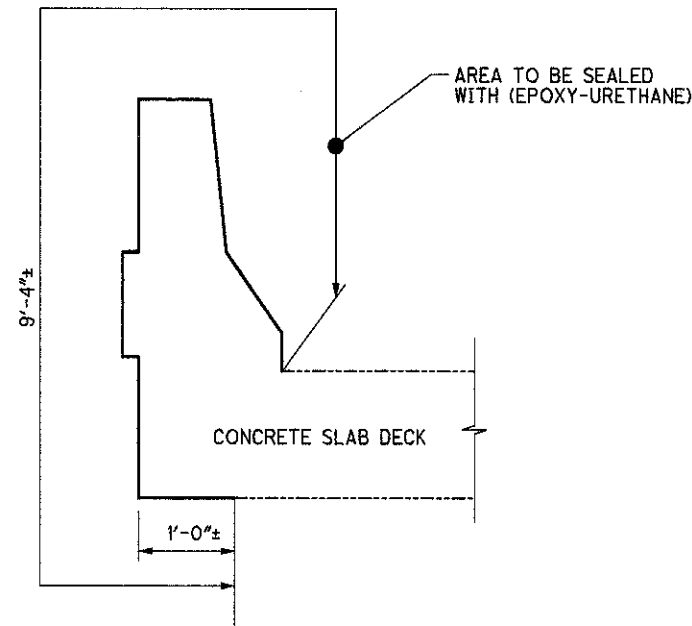
133
138

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

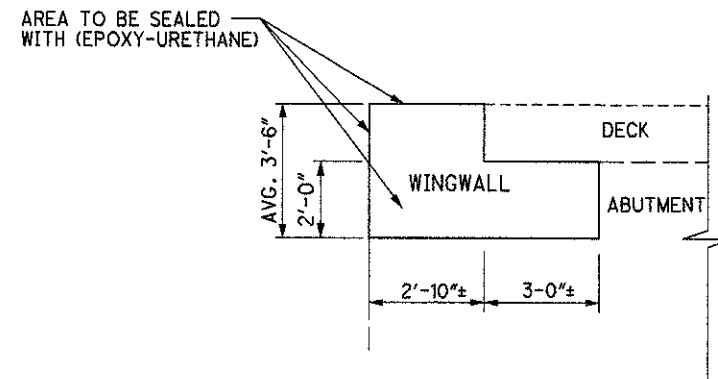
DATE
9/09
RDN
STRUCTURE FILE NUMBER
5204747/5204771

DRAWN
GTS
DESIGNED
GTS
CHECKED
DJV

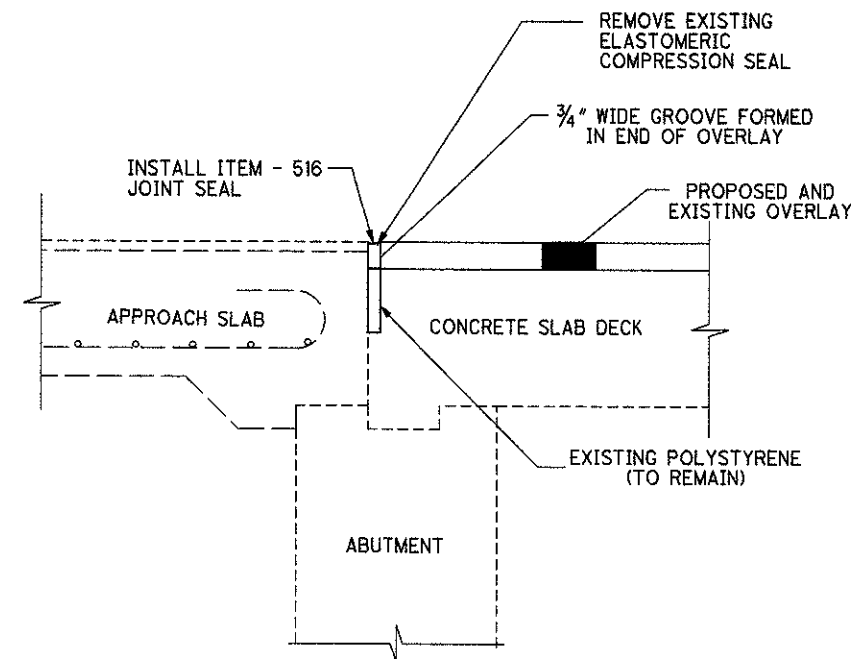
DESIGN FILE: I:\projects\77475\structures\MED76\med760622.dgn
WORKSTATION: dmollens
DATE: 10/14/2009



TYPICAL SECTION
AT PARAPET
LENGTH = 112'± (LEFT AND RIGHT BRIDGE)



TYPICAL WINGWALL/ABUTMENT
SECTION
(WINGWALLS ARE 1'-3" WIDE)



JOINT SEALING DETAIL

RIGHT BRIDGE WIDTH = 43'-4"
LEFT BRIDGE WIDTH = 43'-4"

ITEM	QUANTITY		UNIT	DESCRIPTION
	0622L	0622R		
202	87	87	FT	REMOVAL MISC.: RUBBER SEAL
512	244	244	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
516	87	87	FT	JOINT SEALER

ALL QUANTITIES CARRIED TO SHEET 1/3.

NOTES:

- 1) THE PARAPETS AND WINGWALLS/ABUTMENTS SHALL BE SEALED WITH ITEM 512.

SEALING DETAILS
MED-76-0622 L/R OVER C.H. 49

MED-76-0.61

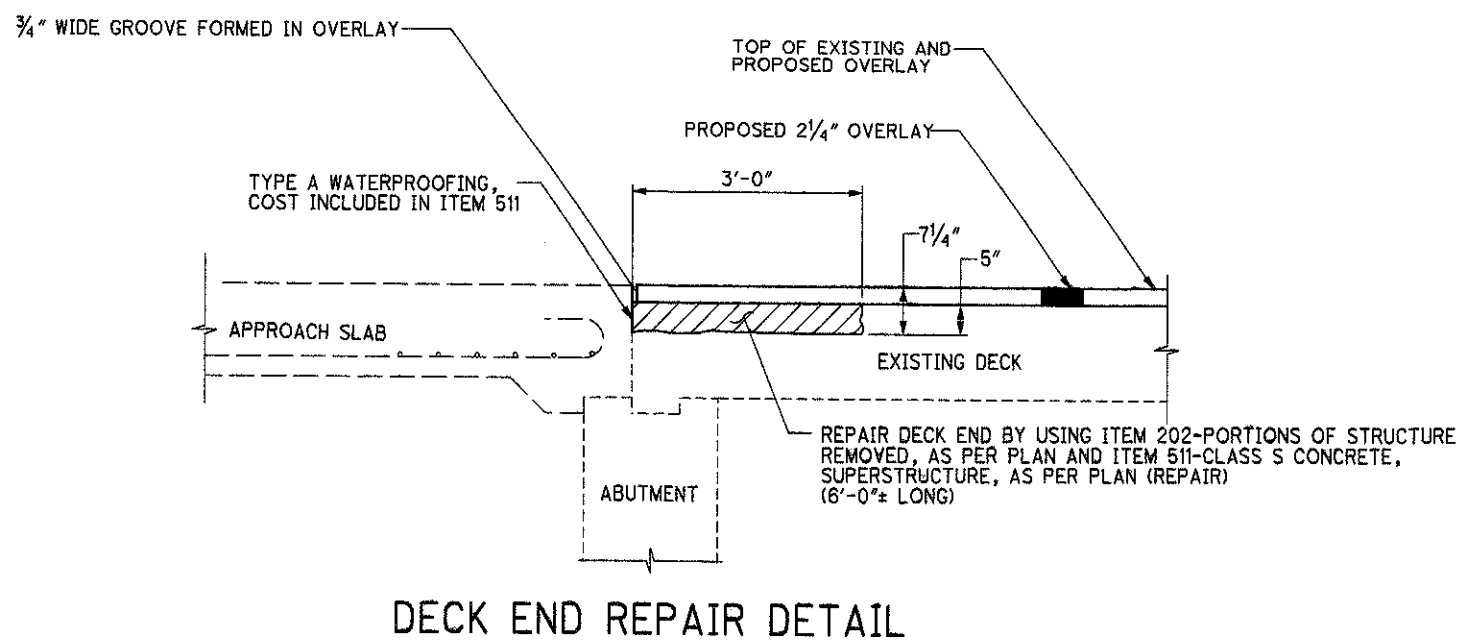
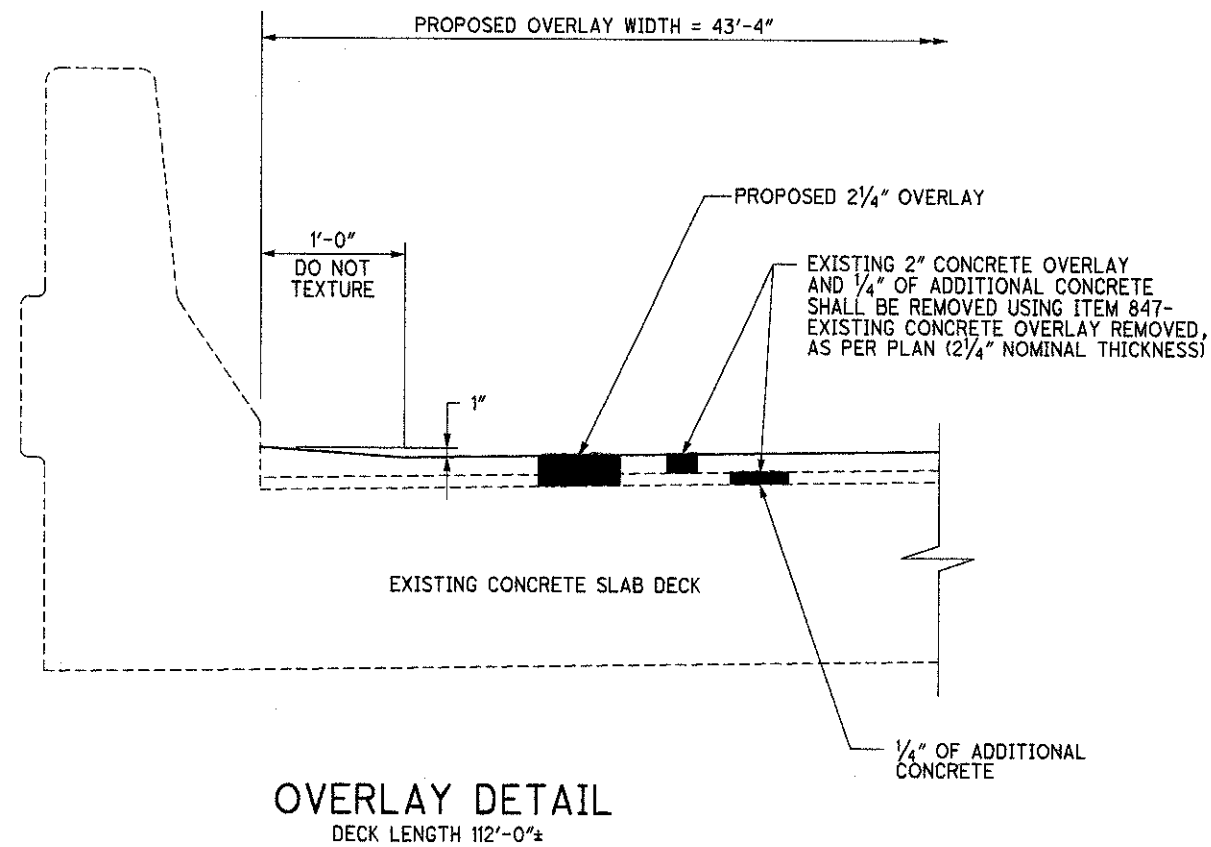
DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

REVIEWED
RDN
DATE
9/09
STRUCTURE FILE NUMBER
5204747/5204771

DESIGNED
GTS
CHECKED
DJV
DRAIN
GTS
REVISED

2 / 3

134
138



ITEM	QUANTITY		UNIT	DESCRIPTION
	0622L	0622R		
202	.3		CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
511	.3		CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)

ALL QUANTITIES CARRIED TO SHEET 1/3.

DESIGN FILE: i:\projects\77475\structures\MED76\med760822.dgn
WORKSTATION: dmollens DATE: 10/14/2009

DATE: 10/14/2009

```
WORKSTATION:dmollens
```

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

REVIEWED	DATE
RDN	9/09
STRUCTURE FILE NUMBER	
5204747/5204771	

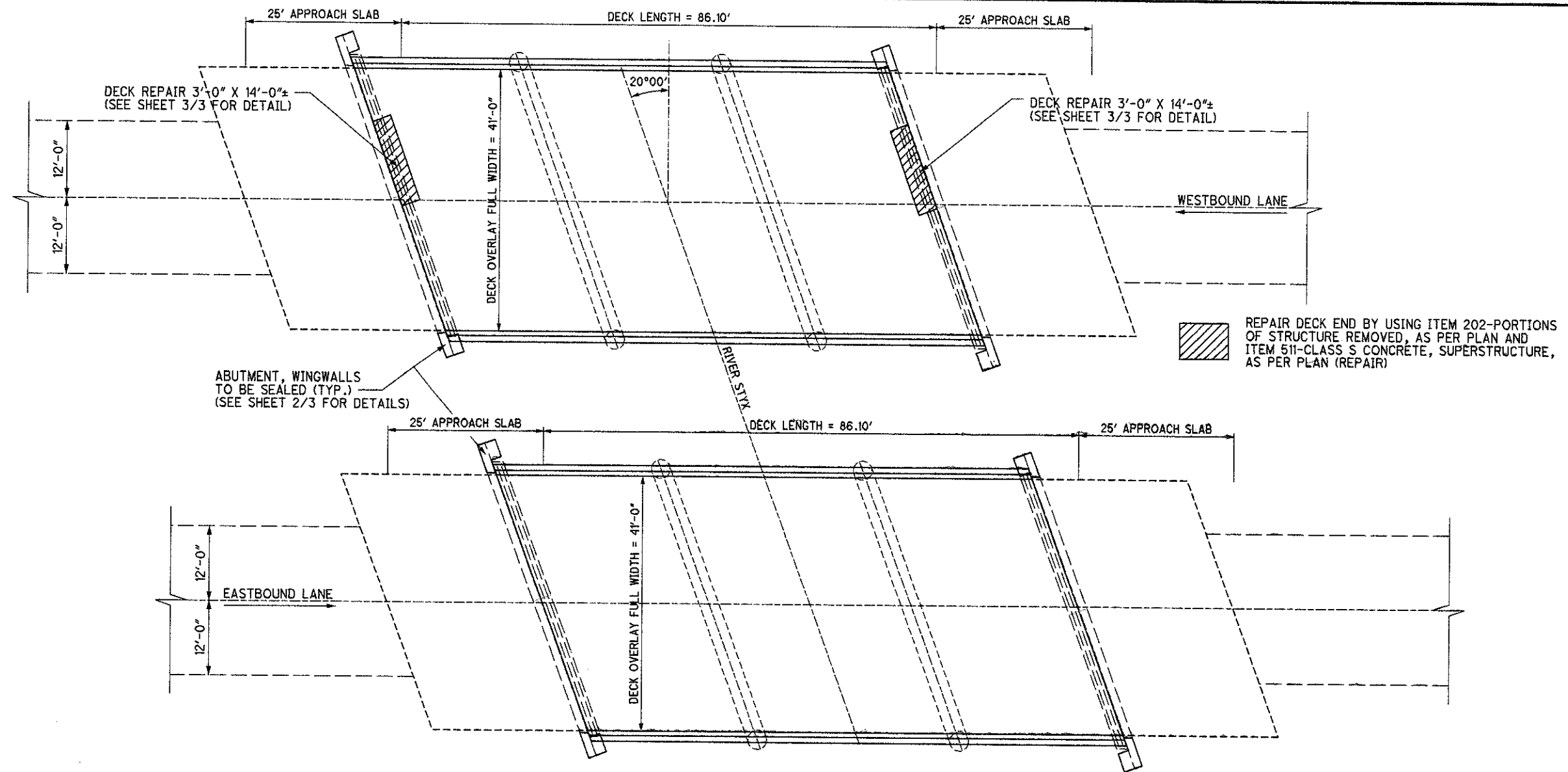
DESIGNED GTS	DRAWN GTS
CHECKED DJV	REVISED

OVERLAY AND DECK END REPAIR DETAIL
MED-76-0622 L/R OVER C.H. 49

MED-76-0.61

3	3
---	---

135
138



PLAN VIEW

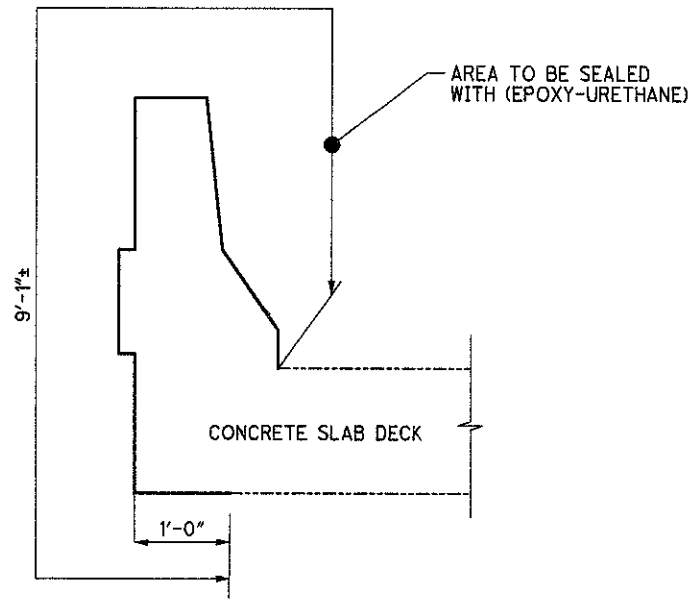
ITEM	QUANTITY		UNIT	DESCRIPTION
	0690L	0690R		
202	1.3		CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
202	88	88	FT	REMOVAL MISC.: RUBBER SEAL
511	1.3		CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)
SPECIAL	393	393	SQ YD	BRIDGE DECK GROOVING
512	190	190	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
516	88	88	FT	JOINT SEALER
847	393	393	SQ YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2 1/4" THICK)
847	10	10	CU YD	SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), AS PER PLAN
847	LUMP	LUMP		TEST SLAB
847	393	393	SQ YD	EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2 1/4" NOMINAL THICKNESS)

ALL QUANTITIES CARRIED TO STRUCTURE SUMMARY SHEET

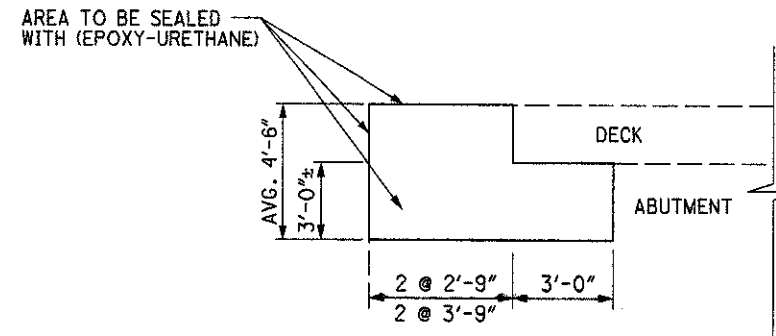
NOTES:

1. GUARDRAIL NOT SHOWN.
2. REMOVE EXISTING RUBBER SEAL IN JOINT BETWEEN APPROACH SLAB AND DECK.
3. THE EXISTING 2" THICK CONCRETE OVERLAY AND 1/4" OF ADDITIONAL DECK THICKNESS, SHALL BE REMOVED USING ITEM 847-EXISTING CONCRETE OVERLAY REMOVED, AS PER PLAN (2 1/4" NOMINAL THICKNESS).
4. PATCH ENDS OF EXISTING DECK AFTER OVERLAY HAS BEEN REMOVED AT THE LOCATION SHOWN ABOVE AND PER DETAILS ON SHEET 3/3 USING ITEMS 202 AND 511.
5. THE BRIDGE DECKS SHALL BE OVERLAYED USING ITEM 847-SUPERPLASTICIZED DENSE CONCRETE OVERLAY, AS PER PLAN (2 1/4" THICK).
6. SEAL JOINT WITH ITEM 516.
7. SEE SHEET 3/3 FOR OVERLAY DETAILS.
8. SEE SHEET 2/3 FOR SEALING DETAILS.

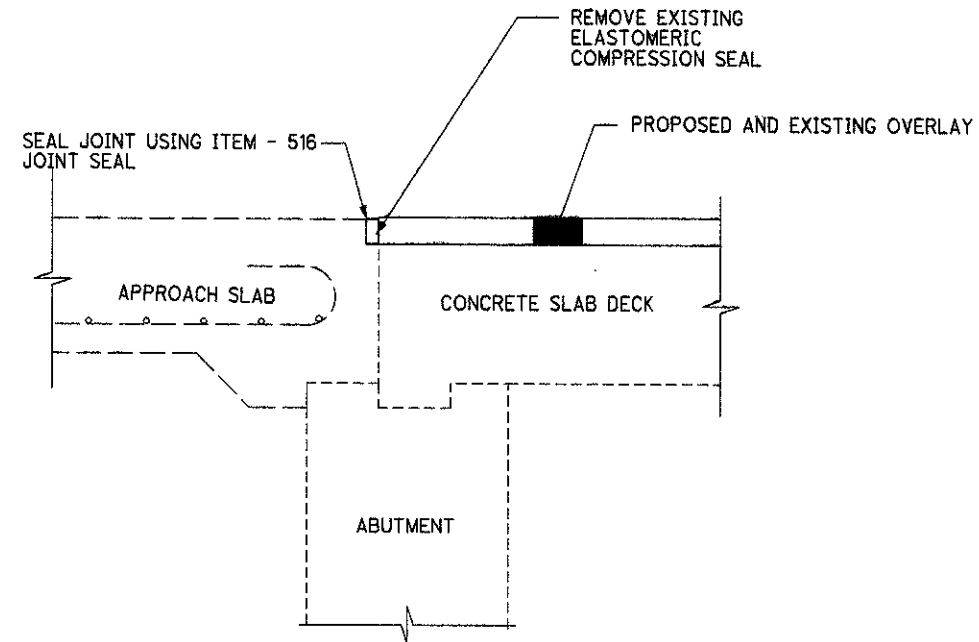
DESIGN FILE: I:\projects\77475\structures\MED76\med760690.dgn
WORKSTATION: dmollens DATE: 10/14/2009



TYPICAL SECTION
AT PARAPET
LENGTH = 86'-1 1/2" (LEFT AND RIGHT BRIDGE)



TYPICAL WINGWALL/ABUTMENT
SECTION
(WINGWALLS ARE 1'-3" WIDE)



JOINT SEALING DETAIL

RIGHT BRIDGE WIDTH = 41'-0"
LEFT BRIDGE WIDTH = 41'-0"

ITEM	QUANTITY		UNIT	DESCRIPTION
	0690L	0690R		
202	88	88	FT	REMOVAL MISC.: RUBBER SEAL
512	190	190	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)
516	88	88	FT	JOINT SEALER

ALL QUANTITIES CARRIED TO SHEET 1/3.

NOTES:

- 1) THE PARAPETS AND WINGWALLS SHALL BE SEALED WITH ITEM 512.
- 2) THE JOINT SHALL BE SEALED USING ITEM-516.

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
9/09
REVIEWED
RDN
STRUCTURE FILE NUMBER
5204801/5204836

DRAWN
GTS
REVISED

DESIGNED
GTS
CHECKED
DJV

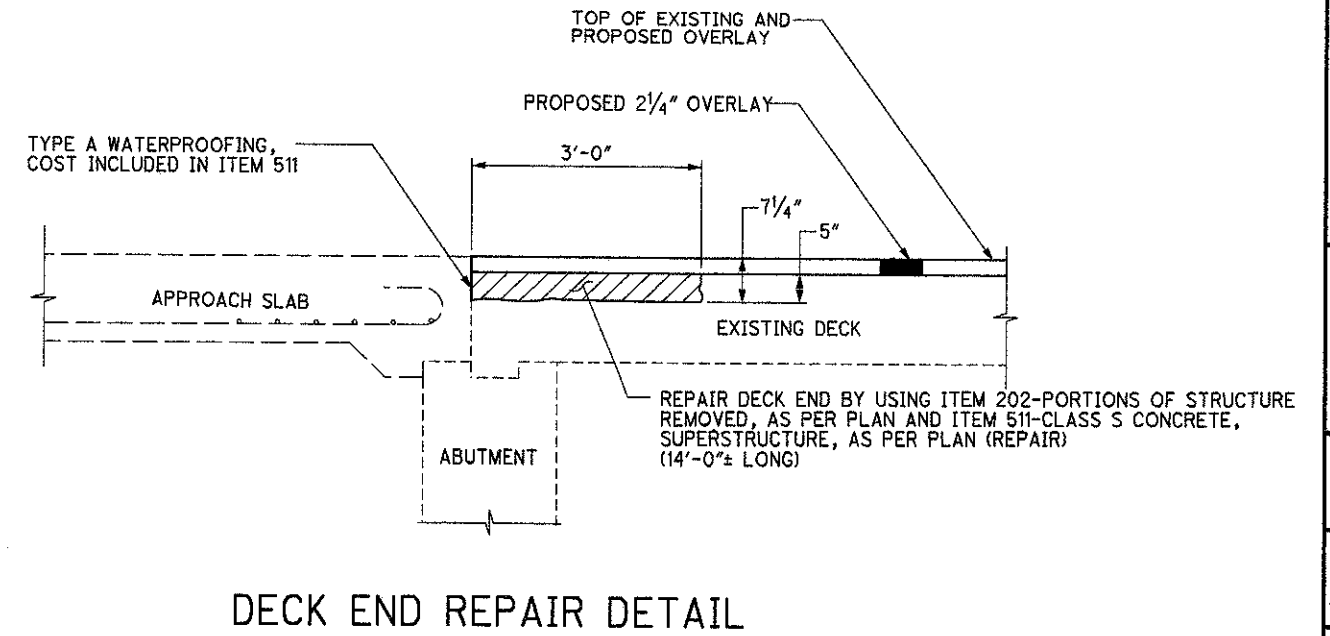
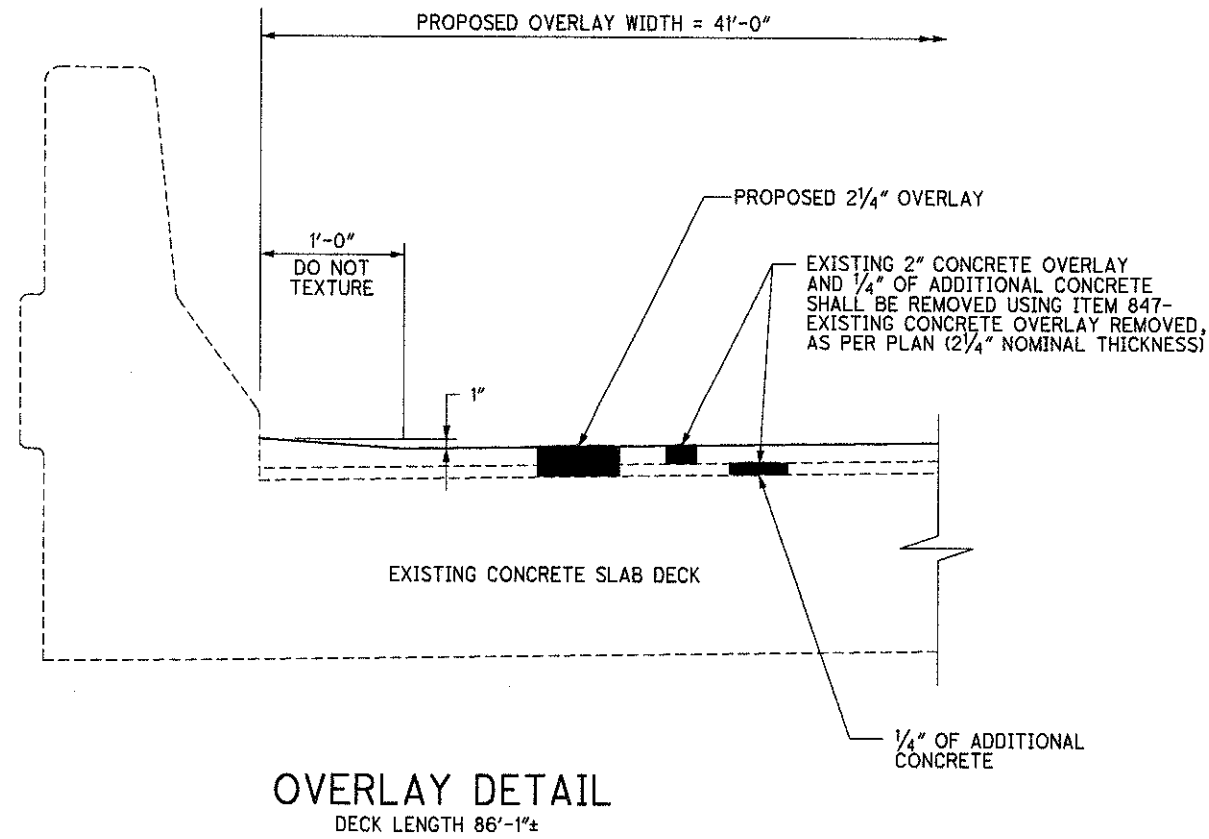
SEALING DETAILS
MED-76-0690 L/R OVER RIVER STYX

MED-76-0.61

2 / 3

137
138

DESIGN FILE: I:\projects\77475\structures\MED76\med760690.dgn
WORKSTATION: dmliens DATE: 10/14/2009



ITEM	QUANTITY		UNIT	DESCRIPTION
	0690L	0690R		
202	1.3		CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
511	1.3		CU YD	CLASS S CONCRETE, SUPERSTRUCTURE, AS PER PLAN (REPAIR)

ALL QUANTITIES CARRIED TO SHEET 1/3.

OVERLAY AND DECK END REPAIR DETAIL
MED-76-0690 L/R OVER RIVER STYX

MED-76-0.61

3 / 3

138
138

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE	9/09
REVIEWED	RDN
STRUCTURE FILE NUMBER	5204801/5204836
DRAWN	GTS
REVISOR	DJV