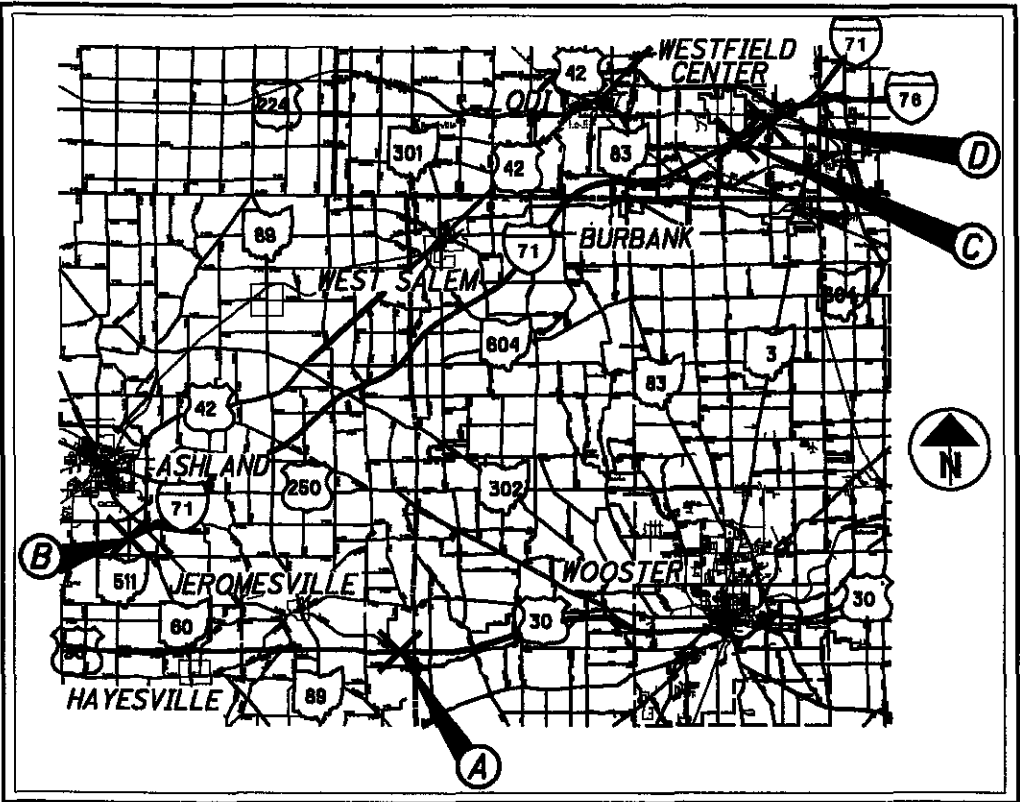




LOCATION MAP
0 1 3 5
SCALE OF MILES

PROJECT LOCATION ----- X -----
INTERSTATE & DIVIDED HIGHWAY -----
UNDIVIDED STATE & FEDERAL ROUTES -----
OTHER ROADS -----

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:



STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
D03-BH-FY2008(A)

LOCATION	BRIDGE NUMBER	STRUCTURE FILE NUMBER	CITY TOWNSHIP OR VILLAGE	FEATURE INTERSECTION
A	ASD-30-1284	0300756	MOHICAN TWP.	UNDER C.R. 1975
B	ASD-511-1060	0305529	MONTGOMERY TWP.	OVER I-71
C	MED-71-0563	5202736	WESTFIELD TWP.	UNDER LEROY ROAD
D	MED-71-0675	5202760	WESTFIELD TWP.	UNDER DANIELS ROAD

A. ASD-30-1284 LATITUDE: 40 ° 47 ' 03 " LONGITUDE: 82 ° 08 ' 08 "
B. ASD-511-1060 LATITUDE: 40 ° 50 ' 10 " LONGITUDE: 82 ° 17 ' 56 "
C. MED-71-0563 LATITUDE: 41 ° 00 ' 55 " LONGITUDE: 81 ° 55 ' 48 "
D. MED-71-0675 LATITUDE: 41 ° 01 ' 21 " LONGITUDE: 81 ° 54 ' 39 "

INDEX OF SHEETS:

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STRUCTURE ASD-511-1060 DETAILS	12-14
STRUCTURE MED-71-0563 DETAILS	15-18
STRUCTURE MED-71-0675 DETAILS	19-22

PROJECT DESCRIPTION
BRIDGE MAINTENANCE ITEMS INCLUDING ASPHALT APPROACH WORK, REPAIRING CURBS, BACKWALLS, APPROACH SLABS, BEARING SEAT, PARAPETS AND SEALING PORTIONS OF BACKWALLS.

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.

2005 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 4, 5, 6 AND 7.

APPROVED *John Hart*
DATE 7-23-07 DISTRICT DEPUTY DIRECTOR

APPROVED *James J. Beasley Jr.*
DATE 8-2-07 DIRECTOR, DEPARTMENT OF TRANSPORTATION

ENGINEERS SEAL:	STANDARD CONSTRUCTION DRAWINGS	SUPPLEMENTAL SPECIFICATIONS
	BP-3.1 7/16/04	800 7/20/07
	AS-1-81 7/19/02	
	RB-1-55 2/2/59	
	MT-97.10 9/05/06	
	MT-101.60 9/20/06	
	MT-105.10 10/18/02	
	MT-105.11 10/18/02	
	TC-41.20 1/19/01	
	TC-52.10 1/19/07	
	TC-52.20 1/19/07	

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 AND 513.04.

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

ORIGINAL CONSTRUCTION PLANS:

THE FOLLOWING EXISTING PLANS MAY BE INSPECTED UPON REQUEST IN THE ODOT DISTRICT 3 OFFICE IN ASHLAND, OHIO:

STRUCTURE	PROJECT	YEAR
ASD-30-1284	ASD-30-8.52/WAY-30-0.00	1964
	ASD-30-8.54/WAY-30-0.00	1991
ASD-511-1060	ASD-1-3.52	1958
MED-71-0563	MED-1-5.66	1958
MED-71-0675	MED-1-5.66	1958

DESIGN SPECIFICATIONS:

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

DESIGN DATA:

CONCRETE CLASS C - COMPRESSIVE STRENGTH 4000 PSI
CONCRETE CLASS S - COMPRESSIVE STRENGTH 4500 PSI
REINFORCING STEEL - ASTM A615 OR A996, GRADE 60, FY=60,000 PSI
STRUCTURAL STEEL - A709 GRADE 36 - YIELD STRENGTH 36,000 psi

UTILITY LINES:

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.

CUT LINE CONSTRUCTION JOINT PREPARATION:

SAW CUT BOUNDARIES OF PROPOSED CONCRETE REMOVALS 1 INCH [25 MM] DEEP. REMOVE CONCRETE TO A ROUGH SURFACE. LEAVE THE EXISTING REINFORCING STEEL, IF REQUIRED IN THE PLANS, IN PLACE. INSTALL DOWEL BARS IF SPECIFIED. 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.

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

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS. 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 AND THE WEIGHT OF HAMMER 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 [41 KILOGRAM] 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.

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

ITEM 407 TACK COAT:

THE RATE OF APPLICATION OF THE 407 TACK COATS SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. FOR ESTIMATING PURPOSES ONLY, THE PLAN QUANTITIES INDICATE AN AVERAGE RATE OF:

407, TACK COAT	.08 GAL./S.Y.
407, TACK COAT, 702.13	.08 GAL./S.Y.
407, TACK COAT FOR INTERMEDIATE COURSE	.03 GAL./S.Y.

ITEM 509 REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN:

REPLACE ALL EXISTING REINFORCING BARS DEEMED BY THE ENGINEER TO BE UNUSABLE BECAUSE OF CORROSION. THE DEPARTMENT WILL MEASURE THE REPLACEMENT REINFORCING STEEL BY THE NUMBER OF POUNDS ACCEPTED IN PLACE. REPLACE ALL EXISTING REINFORCING STEEL BARS WHICH ARE TO BE INCORPORATED INTO THE NEW WORK AND ARE DEEMED BY THE ENGINEER TO BE MADE UNUSABLE BY CONCRETE REMOVAL OPERATIONS WITH NEW EPOXY COATED REINFORCING STEEL OF THE SAME SIZE AT NO COST TO THE DEPARTMENT.

ITEM 511- CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION):

THE COARSE AGGREGATE SHALL BE LIMESTONE.
TYPE A WATERPROOFING IS INCIDENTAL TO THESE ITEMS.

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

ITEM 511- CLASS S CONCRETE MISC.: CURB AND PARAPET REPAIR:
ITEM 511- CLASS S CONCRETE MISC.: CURB REPAIR:

THE COARSE AGGREGATE SHALL BE #57 LIMESTONE.

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

GENERAL NOTES

D03-BH-FY2008(A)

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE	7/07
DESIGNED	RDN
DRAWN	GTS
CHECKED	DJV

ITEM 512 - TREATING CONCRETE BRIDGE DECKS WITH GRAVITY-FED RESIN:

THIS WORK SHALL CONSIST OF PREPARING AND TREATING THE CONCRETE BRIDGE DECK WITH A GRAVITY-FED CRACK WELDING SYSTEM IN ACCORDANCE WITH THESE SPECIFICATIONS IN REASONABLY CLOSE CONFORMITY WITH THE PLANS AND THE MANUFACTURER'S RECOMMENDATIONS AND AS DIRECTED BY THE ENGINEER.

SEAL AROUND THE NEW PATCHES ON THE DECK AND APPROACH SLABS, 4" WIDE, 2" ON EACH SIDE OF JOINT. THE QUANTITY SHALL BE THE AREA IN SQUARE YARDS OF THE EXPOSED SURFACE, IRRESPECTIVE OF THE DEPTH OF THE JOINT, COMPLETE, IN PLACE AND ACCEPTED.

PAYMENT FOR ALL OF THE ABOVE SHALL BE AT THE UNIT PRICE BID PER SQUARE YARD FOR ITEM 512- TREATING CONCRETE BRIDGE DECKS WITH GRAVITY-FED RESIN, WHICH WILL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE ABOVE WORK.

ITEM 516 - REFURBISH BEARING DEVICE, AS PER PLAN:

THIS ITEM SHALL INCLUDE ALL WORK NECESSARY TO PROPERLY ALIGN THE BRIDGE BEARING AS WELL AS ITS CLEANING AND PAINTING. INCLUDED SHALL BE THE DISASSEMBLY OF THE BEARING, HAND TOOL CLEANING (GRINDING IF NECESSARY), PAINTING ACCORDING TO ITEM 514, REPLACEMENT OF ANY DAMAGED SHEET LEAD WITH PREFORMED BEARING PAD (711.21), INSTALLATION OF ANY NECESSARY STEEL SHIMS OF THE SAME SIZE AS THE BEARING TO PROVIDE A SNUG FIT, REALIGNMENT OF THE UPPER BEARING PLATE BY REMOVING EXISTING WELDS AND REWELDING SO THAT THE BEARING IS VERTICALLY ALIGNED AT 60° F (15° C), LUBRICATING SLIDING SURFACES, AND REASSEMBLY OF THE BEARING. ASSURE THE BEARING IS SHIMMED ADEQUATELY AND THAT NO BEAMS AND/ OR BEARING DEVICES ARE "FLOATING". AT NO ADDITIONAL COST TO THE STATE, THE CONTRACTOR MAY INSTALL A NEW BEARING OF THE SAME TYPE AS THE EXISTING IN PLACE OF REFURBISHING THE BEARING. ALL WORK SHALL BE TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OF THE ABOVE LABOR AND MATERIALS WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM 516-REFURBISH BEARING DEVICE, AS PER PLAN

ITEM SPECIAL - PATCHING CONCRETE BRIDGE DECK - TYPE A:

SEE THE PLAN FOR LOCATION AND QUANTITIES AND PROPOSAL NOTE 512 FOR NOTES.

PAYMENT FOR ALL OF THE ABOVE LABOR AND MATERIALS WILL BE MADE AT THE CONTRACT PRICE BID FOR ITEM SPECIAL - PATCHING CONCRETE BRIDGE DECK - TYPE A.

ITEM 516 - JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN

THIS WORK CONSISTS OF RAISING OR RE-POSITIONING EXISTING STRUCTURE TO THE DIMENSIONS AND REQUIREMENTS DEFINED IN THE PROJECT PLANS.

SUBMIT CONSTRUCTION PLANS IN ACCORDANCE WITH CMS 501.05.

IF, DURING THE JACKING OPERATIONS, CRACKING OF THE CONCRETE SUPERSTRUCTURE, SEPARATION OF THE CONCRETE DECK FROM THE STEEL STRINGERS, OR OTHER DAMAGE TO THE STRUCTURE IS VISUALLY OBSERVED, IMMEDIATELY CEASE THE JACKING OPERATION AND INSTALL SUPPORTS TO THE SATISFACTION OF THE ENGINEER. ANALYZE THE DAMAGE AND SUBMIT A METHOD OF CORRECTION TO THE ENGINEER FOR APPROVAL. EPOXY INJECT ALL BEAMS THAT SEPARATE FROM THE DECK FOR THE DISTANCE OF THE SEPARATION IN ACCORDANCE WITH CMS 512.07. THE DEPARTMENT WILL NOT PAY FOR THE COST OF THIS EPOXY INJECTION OR OTHER REQUIRED REPAIRS. THE BRIDGE BEARINGS SHALL BE FULLY SEATED AT ALL CONTACT AREAS. IF FULL SEATING IS NOT ATTAINED, SUBMIT A REPAIR PLAN TO THE ENGINEER. THE DEPARTMENT WILL NOT PAY FOR THE REPAIR COSTS TO ENSURE FULL SEATING ON BEARINGS.

THE DEPARTMENT WILL MEASURE THIS WORK ON A LUMP SUM BASIS.

THE DEPARTMENT WILL PAY FOR THE ACCEPTED QUANTITIES AT THE CONTRACT PRICE FOR ITEM 516, JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN.

DISTRICT THREE OFFICE OF PRODUCTION	
DATE 7/07	REVISION RDN
DRAWN GTS	REVIEWED GTS
DESIGNED GTS	CHECKED DJV
GENERAL NOTES	
D03-BH-FY2008(A)	
3 22	

ASHLAND COUNTY ROAD 1975 DETOUR LIMITATION AND INTERIM COMPLETION DATE:

TWO WAY TRAFFIC ALONG COUNTY ROAD 1975 SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED FOURTEEN (14) CALENDAR DAYS, WHEN THROUGH TRAFFIC WILL BE DETOURED AS SHOWN ON THIS SHEET.

THE CONTRACTOR SHALL NOTIFY THE ASHLAND COUNTY ENGINEER AND THE WAYNE COUNTY ENGINEER, IN WRITING, A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE DATE THE COUNTY ROAD 1975 DETOUR WILL BE IMPLEMENTED.

THE CONTRACTOR SHALL ALSO NOTIFY, IN WRITING, THE FOLLOWING AGENCIES AT LEAST TEN (10) DAYS PRIOR TO THE TIME THE COUNTY ROAD 1975 DETOUR WILL BE IMPLEMENTED:

TOWNSHIP(S)
LOCAL FIRE DEPARTMENT(S)
LOCAL SCHOOL DISTRICT(S)
COUNTY SHERIFF(S)

THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE THE COUNTY ROAD 1975 DETOUR SIGNING AS DETAILED ON THIS SHEET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE GATES AND BARRICADES AT THE APPROXIMATE WORK LIMITS OF THE PROJECT AND THE ADVANCE WARNING SIGNS AS SHOWN ON STANDARD CONSTRUCTION DRAWING MT-101.60.

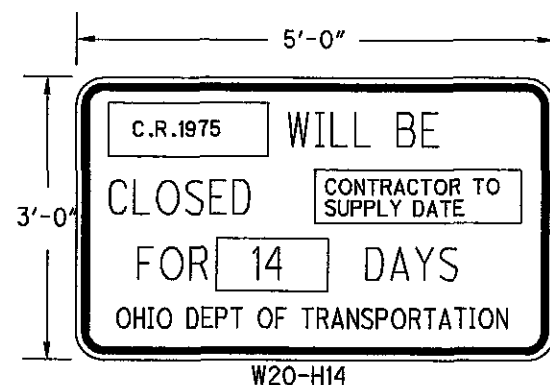
THE FOURTEEN (14) CONSECUTIVE CALENDAR DAYS SHALL BE CONSIDERED AS AN INTERIM COMPLETION DATE (SECTION 108), AND FOR EACH CALENDAR DAY BEYOND THE FOURTEEN (14) CONSECUTIVE CALENDAR DAYS THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC, THE CONTRACTOR WILL BE ASSESSED LIQUIDATED DAMAGES, AS PER SECTION 108.07 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, AS PER SECTION 614.02 (A).

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATION, 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.

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. 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.

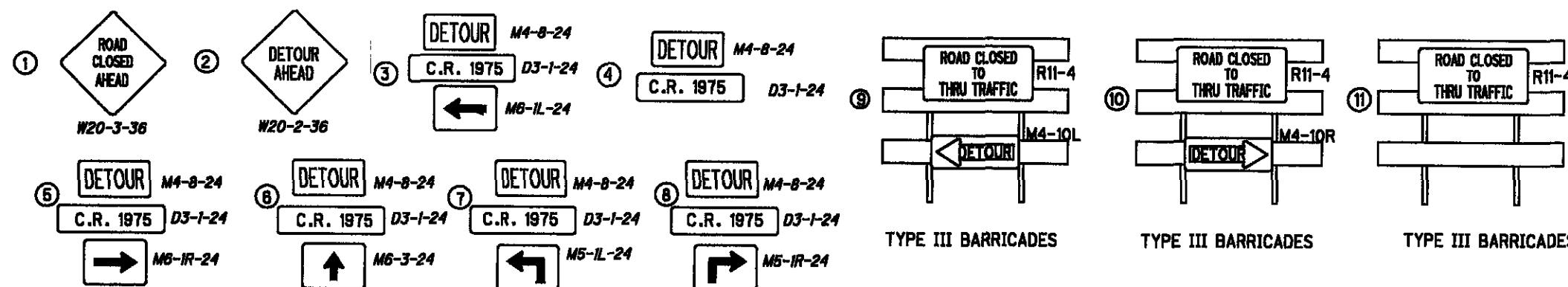


DETOUR SIGNING

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

ITEM 614, DETOUR SIGNING

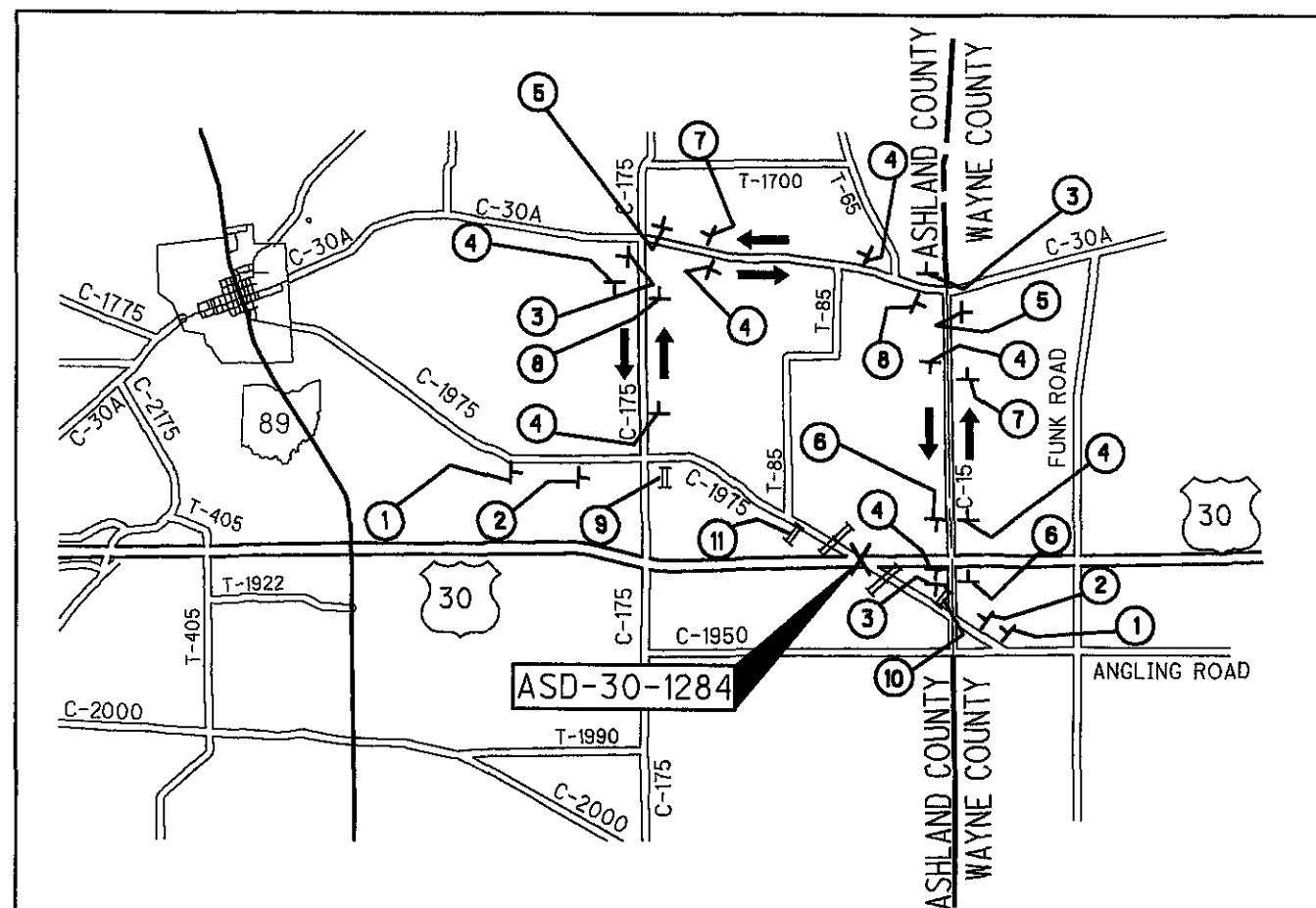
LUMP



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 THE DETOUR ROUTE WILL BE PERFORMED BY EITHER CHANGE ORDER OR FORCE ACCOUNT.



ASHLAND COUNTY ROAD 1975 DETOUR MAP

MAP LEGEND

- X - PROJECT LOCATION
- ↔ - OFFICIAL SIGNED DETOUR
- II - GATES AND BARRICADES,
AS PER MT-101.60

SIGN LEGEND



614 - MAINTAINING TRAFFIC (STRUCTURE ASD-511-1060)

DETOUR LIMITATION AND INTERIM COMPLETION DATE:

ON STRUCTURE ASD-511-1060, TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED TWELVE (12) CONSECUTIVE CALENDAR DAYS, WHEN THROUGH TRAFFIC WILL BE DETOURED AS SHOWN ON THIS SHEET.

THE CONTRACTOR SHALL NOTIFY THE O.D.O.T. DISTRICT THREE ROADWAY SERVICES MANAGER, IN WRITING, A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE DATE THE DETOUR IS NEEDED. THE STATE OF OHIO WILL INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE THE DETOUR SIGNING.

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

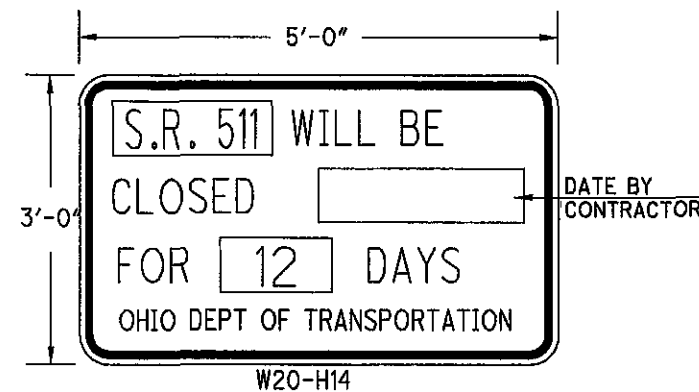
THE TWELVE (12) CONSECUTIVE CALENDAR DAYS SHALL BE CONSIDERED AS AN INTERIM COMPLETION DATE (SECTION 108) AND FOR EACH CALENDAR DAY BEYOND THE TWELVE (12) CONSECUTIVE CALENDAR DAYS THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC, THE CONTRACTOR WILL BE ASSESSED LIQUIDATED DAMAGES, AS PER SECTION 108.07 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, AS PER SECTION 614.02 (A).

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATION, 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.

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. 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.

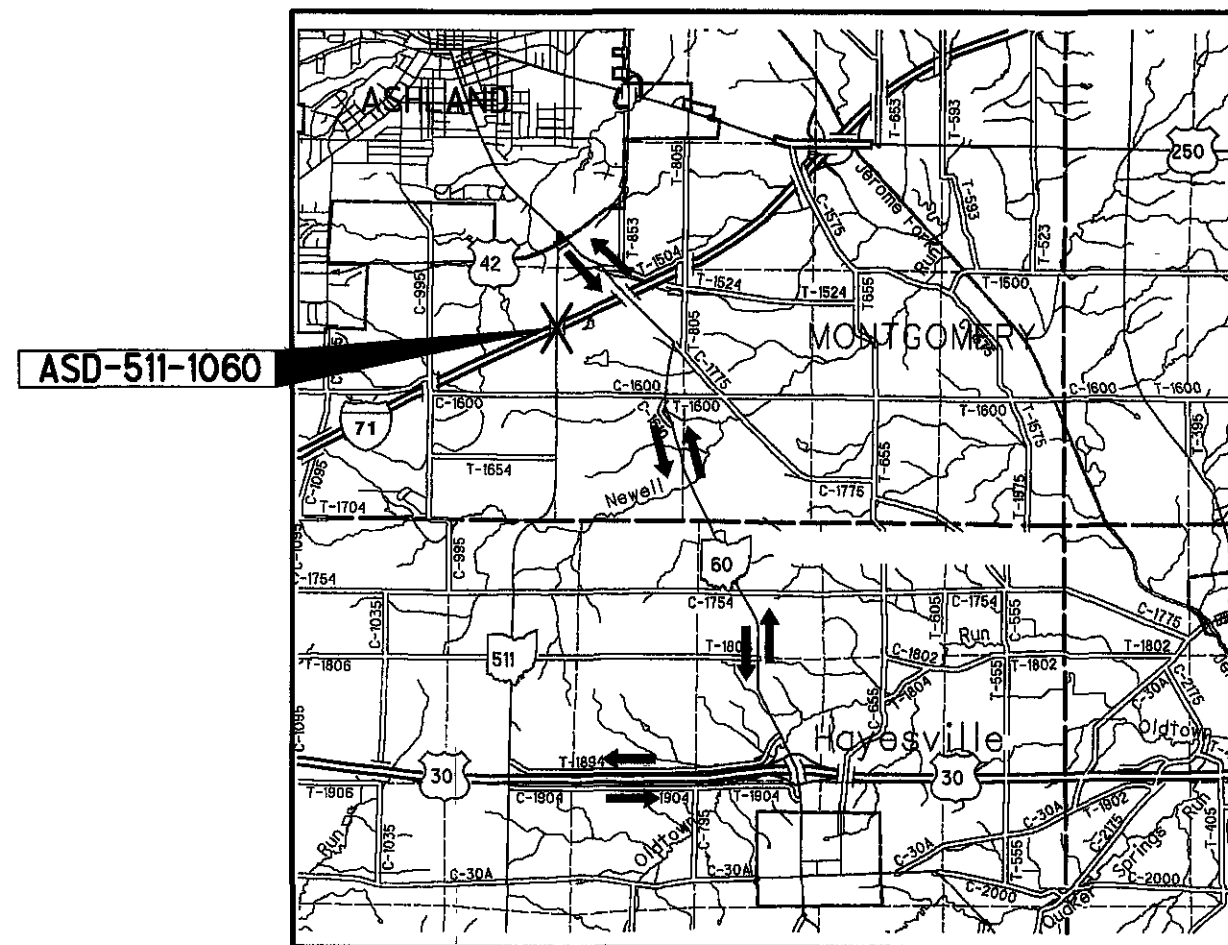


MAINTENANCE OF LOCAL DETOUR ROUTE

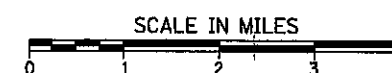
A LOCAL MAINTENANCE ROUTE, OTHER THAN THE OFFICIAL SIGNED ODOT DETOUR ROUTE, WILL BE DESIGNATED BY AGREEMENT BETWEEN ODOT AND LOCAL GOVERNMENTAL AGENCIES PRIOR TO THE HIGHWAY CLOSURE.

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 MAINTENANCE 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 EITHER CHANGE ORDER OR FORCE ACCOUNT.



DETOUR MAP



- LEGEND
- X - PROJECT LOCATION
 - - OFFICIAL SIGNED DETOUR

ITEM 614 - MAINTAINING TRAFFIC:

LEROY ROAD DETOUR LIMITATION AND INTERIM COMPLETION DATE:

TWO WAY TRAFFIC ALONG LEROY ROAD SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED FOURTEEN (14) CALENDAR DAYS, WHEN THROUGH TRAFFIC WILL BE DETOURED AS SHOWN ON THIS SHEET.

DANIELS ROAD AND LEROY ROAD SHALL NOT BE CLOSED AT THE SAME TIME.

THE CONTRACTOR SHALL NOTIFY THE MEDINA COUNTY ENGINEER, IN WRITING, A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE DATE THE LEROY ROAD DETOUR WILL BE IMPLEMENTED.

THE CONTRACTOR SHALL ALSO NOTIFY, IN WRITING, THE FOLLOWING AGENCIES AT LEAST TEN (10) DAYS PRIOR TO THE TIME THE LEROY ROAD DETOUR WILL BE IMPLEMENTED:

WESTFIELD CENTER
WESTFIELD TOWNSHIP TRUSTEES
LOCAL FIRE DEPARTMENT(S)
LOCAL SCHOOL DISTRICT(S)
COUNTY SHERIFF

THE CONTRACTOR SHALL PROVIDE, ERECT, MAINTAIN AND SUBSEQUENTLY REMOVE THE LEROY 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 APPROXIMATE WORK LIMITS OF THE PROJECT AND THE ADVANCE WARNING SIGNS AS SHOWN ON STANDARD CONSTRUCTION DRAWING MT-101.60.

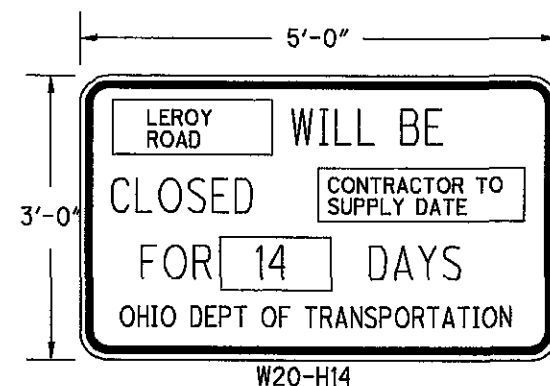
THE FOURTEEN (14) CONSECUTIVE CALENDAR DAYS SHALL BE CONSIDERED AS AN INTERIM COMPLETION DATE (SECTION 108), AND FOR EACH CALENDAR DAY BEYOND THE FOURTEEN (14) CONSECUTIVE CALENDAR DAYS THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC, THE CONTRACTOR WILL BE ASSESSED LIQUIDATED DAMAGES, AS PER SECTION 108.07 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, AS PER SECTION 614.02 (A).

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATION, 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.

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. 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.

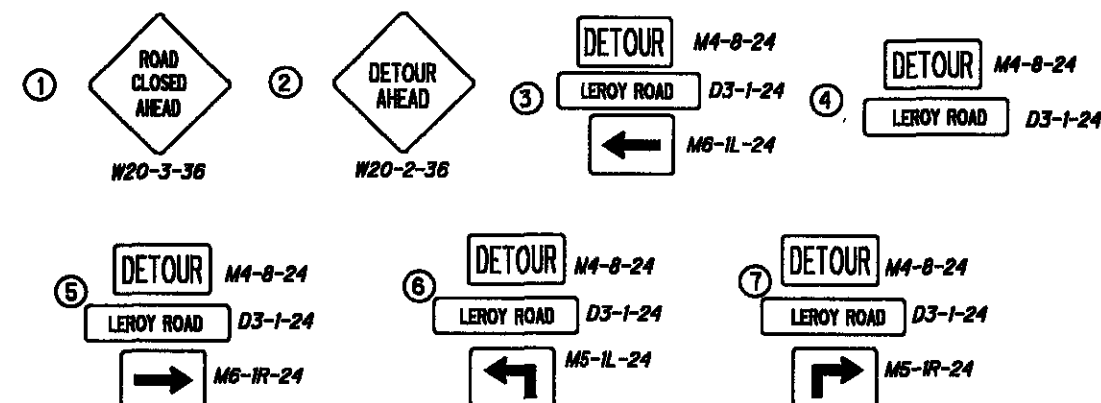


DETOUR SIGNING

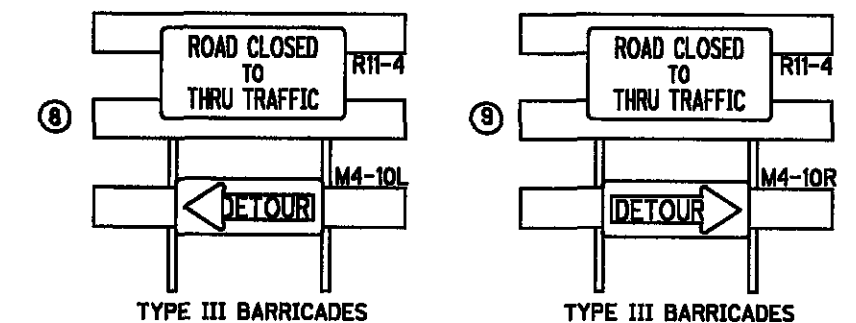
THE FOLLOWING QUANTITY IS INCLUDED FOR THE CONTRACTOR TO PROVIDE THE DETOUR SIGNING AS SHOWN AS PER 614.06 (B):

ITEM 614, DETOUR SIGNING

LUMP



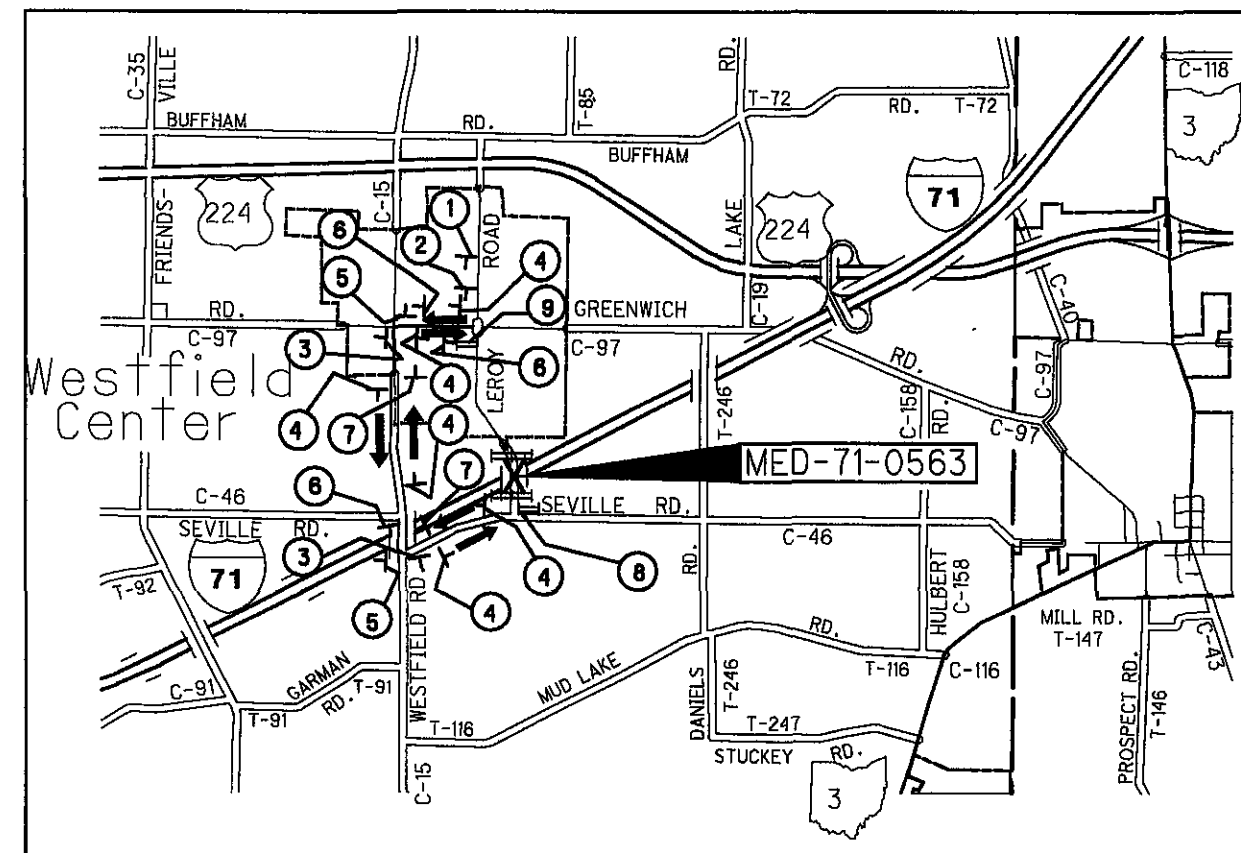
SIGN LEGEND



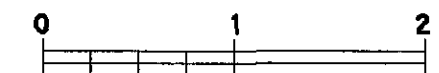
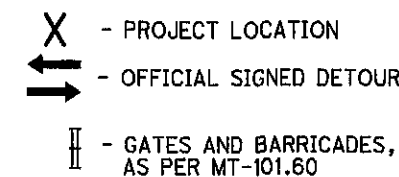
MAINTENANCE OF DETOUR ROUTE

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 THE DETOUR ROUTE WILL BE PERFORMED BY EITHER CHANGE ORDER OR FORCE ACCOUNT.



LEROY ROAD DETOUR MAP



SCALE OF MILES

ITEM 614 - MAINTAINING TRAFFIC:

DANIELS ROAD DETOUR LIMITATION AND INTERIM COMPLETION DATE:

TWO WAY TRAFFIC ALONG DANIELS ROAD SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR A PERIOD NOT TO EXCEED FOURTEEN (14) CALENDAR DAYS, WHEN THROUGH TRAFFIC WILL BE DETOURED AS SHOWN ON THIS PAGE.

DANIELS ROAD SHALL NOT BE CLOSED TO AFTER AUGUST 4, 2008.

DANIELS ROAD AND LEROY ROAD SHALL NOT BE CLOSED AT THE SAME TIME.

THE CONTRACTOR SHALL NOTIFY THE MEDINA COUNTY ENGINEER, IN WRITING, A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE DATE THE DANIELS ROAD DETOUR WILL BE IMPLEMENTED.

THE CONTRACTOR SHALL ALSO NOTIFY, IN WRITING, THE FOLLOWING AGENCIES AT LEAST TEN (10) DAYS PRIOR TO THE TIME THE DANIELS ROAD DETOUR WILL BE IMPLEMENTED:

WESTFIELD TOWNSHIP TRUSTEES
LOCAL FIRE DEPARTMENT(S)
LOCAL SCHOOL DISTRICT(S)
COUNTY SHERIFF

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

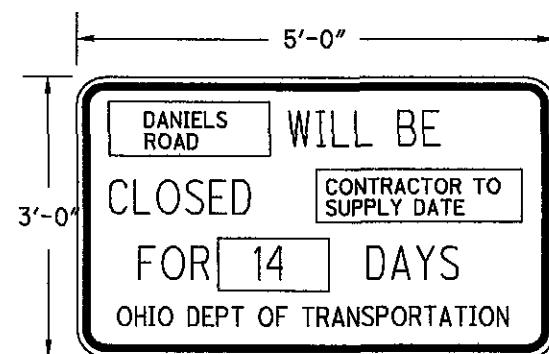
THE FOURTEEN (14) CONSECUTIVE CALENDAR DAYS SHALL BE CONSIDERED AS AN INTERIM COMPLETION DATE (SECTION 108), AND FOR EACH CALENDAR DAY BEYOND THE FOURTEEN (14) CONSECUTIVE CALENDAR DAYS THAT THE ROADWAY REMAINS CLOSED TO TRAFFIC, THE CONTRACTOR WILL BE ASSESSED LIQUIDATED DAMAGES, AS PER SECTION 108.07 OF THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, AS PER SECTION 614.02 (A).

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATION, 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.

NOTICE OF CLOSURE SIGNS

THESE SIGNS SHALL BE ERECTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED ROAD CLOSURE. 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.



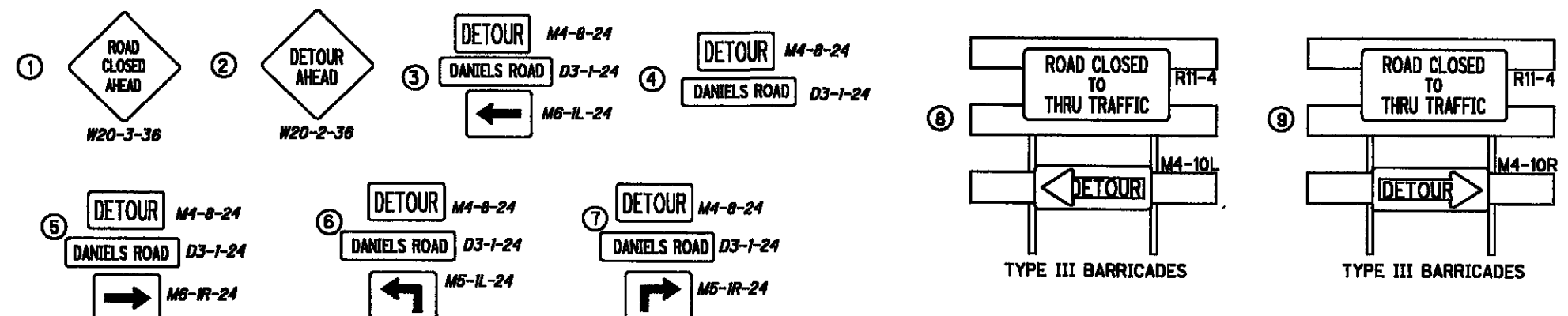
W20-H14

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

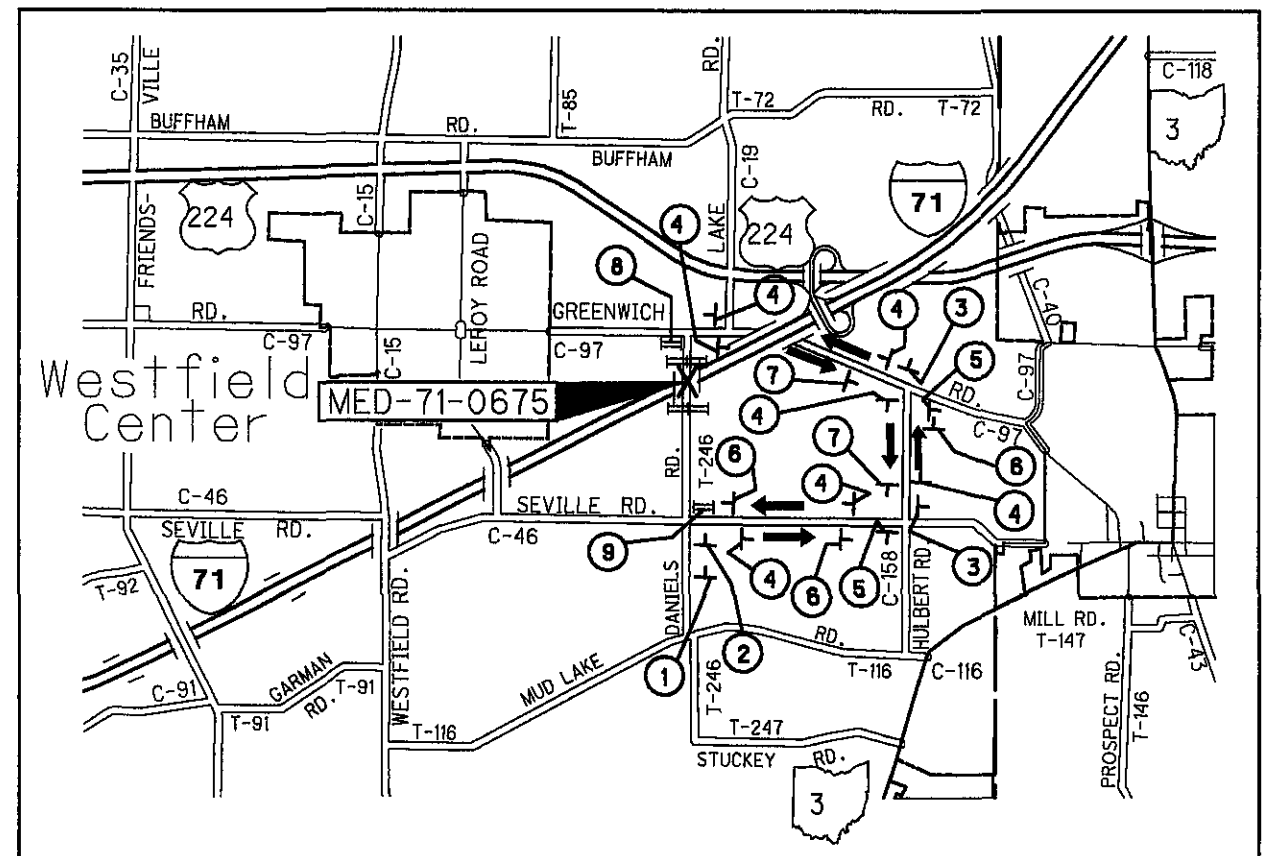
LUMP



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 THE DETOUR ROUTE WILL BE PERFORMED BY EITHER CHANGE ORDER OR FORCE ACCOUNT.



SHEET NO.								ITEM	EXTENSION	QUANTITY	UNIT	DESCRIPTION	REF. SHT.
4	6	7	10	12	15	19							
												PAVEMENT	
			400		267	400		254	01000	1067	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE	
			22		11	22		407	10000	55	GALLON	TACK COAT	2
			11		11	75		407	13900	97	GALLON	TACK COAT, 702.13	2
						36		407	14000	36	GALLON	TACK COAT FOR INTERMEDIATE COURSE	2
			17		12	42		446	47020	71	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22	
						25		448	46020	25	CU YD	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22	
												TRAFFIC CONTROL	
						.09		642	00300	.09	MILE	CENTER LINE, TYPE 1	
												STRUCTURES (OVER 20')	
												ASD-30-1284 SFN 0300756	
			7					202	11301	7	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	2
			7					509	10000	7	POUND	EPOXY COATED REINFORCING STEEL	
			7					511	45701	7	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION)	2
			903					512	10300	903	SQ YD	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN	
			4					512	73500	4	SQ YD	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN	3
												ASD-511-1060 SFN 0305529	
				4				202	11301	4	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	2
				15				509	20001	15	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN	2
				1				511	34450	1	CU YD	CLASS S CONCRETE, MISC.: CURB REPAIR	2
				3				511	45701	3	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION)	2
				1				516	45305	1	EACH	REFURBISH BEARING DEVICE, AS PER PLAN	3
				LUMP				516	47001	LUMP		JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN	3
												MED-71-0563 SFN 5202736	
					10			202	11301	10	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	2
					15			509	20001	15	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN	2
					3			511	34450	3	CU YD	CLASS S CONCRETE, MISC.: CURB AND PARAPET REPAIR	2
					7			511	45701	7	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION)	2
					11			512	10100	11	SQ YD	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
					24			512	73500	24	SQ YD	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN	3
					54			516	10000	54	FT	PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL	3
					3			SPECIAL	51912200	3	SQ YD	PATCHING CONCRETE BRIDGE DECK - TYPE A	

DESIGN AGENCY

DISTRICT THREE
OFFICE OF PRODUCTION

DATE
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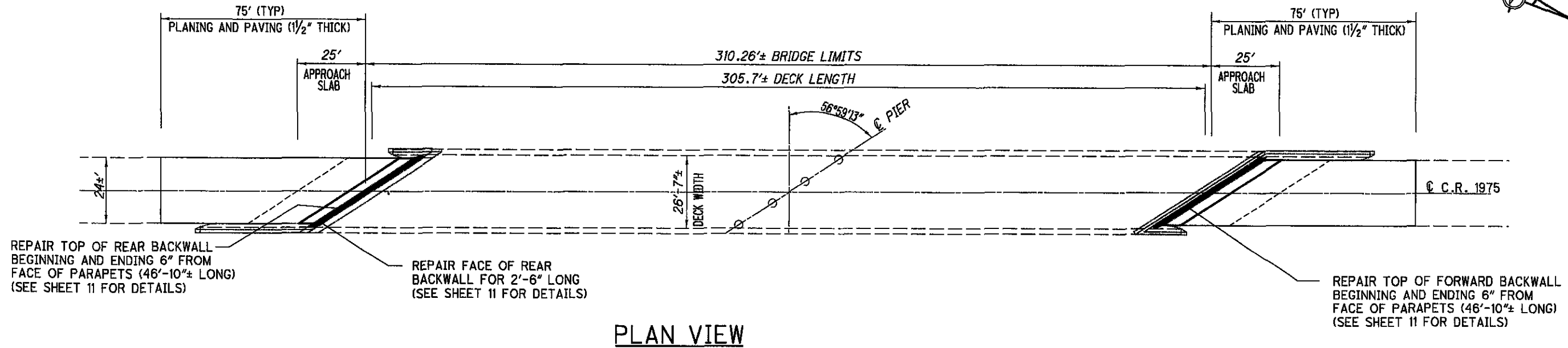
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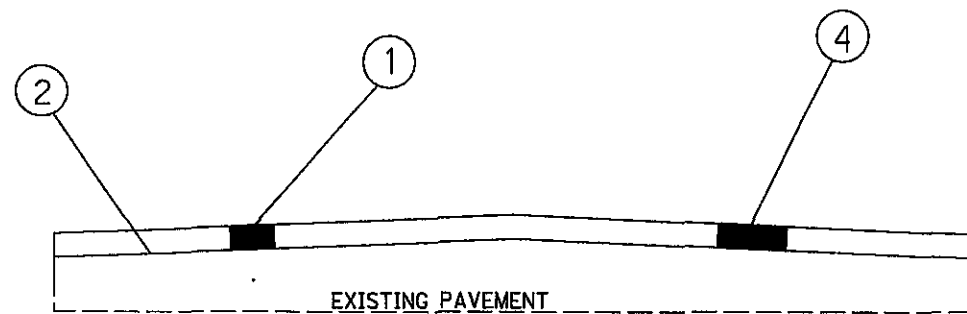
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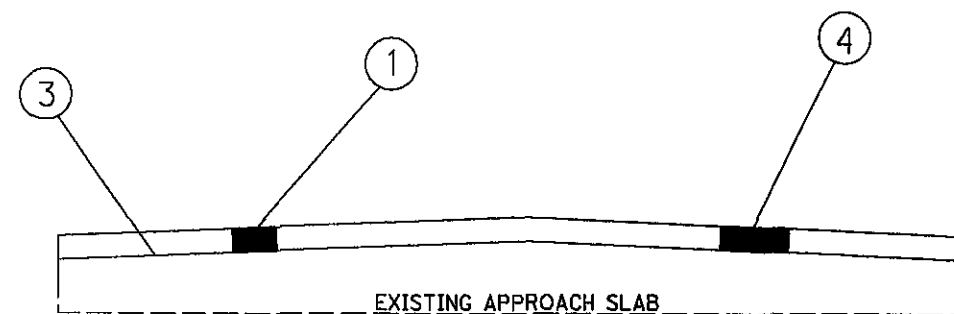
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WORKSTATION: dmollens DATE: 7/24/2007



PLAN VIEW



PAVEMENT TYPICAL SECTION



APPROACH SLAB TYPICAL SECTION

LEGEND

- ① ITEM 254-PAVEMENT PLANING, ASPHALT CONCRETE (1½")
- ② ITEM 407-TACK COAT
- ③ ITEM 407-TACK COAT, 702.13
- ④ ITEM 446-ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 (1½" THICK)

ITEM	QUANTITY	UNIT	DESCRIPTION
202	7	CU YD	PORTION OF STRUCTURE REMOVED, AS PER PLAN
254	400	SQ YD	PAVEMENT PLANING, ASPHALT CONCRETE
407	22	GALLON	TACK COAT
407	11	GALLON	TACK COAT, 702.13
446	17	CU YD	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22
509	7	POUND	EPOXY COATED REINFORCING STEEL
511	7	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION)
512	903	SQ YD	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN
512	4	SQ YD	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN

NOTES:

- 1) THE EXISTING GUARDRAIL IS NOT SHOWN.
- 2) REPAIR TOP OF BACKWALLS, SAW CUT 6" FROM FACE OF PARAPET USING ITEM 202 AND 511. SEE DETAILS ON SHEET 11.
- 3) REPAIR FACE OF REAR ABUTMENT AT LOCATION SHOWN USING ITEMS 202 AND 511, SEE SHEET 11 FOR DETAILS.
- 4) REPAIR APPROACH SLABS USING ITEMS 202 AND 511, AS PER DETAILS ON SHEET 11.
- 5) SEAL DECK WITH ITEM 512-SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN.
- 6) PLANE AND PAVE FOR 75' AT EACH APPROACH.

QUANTITIES CARRIED TO GENERAL SUMMARY SHEET

DESIGN AGENCY
DISTRICT THREE
OFFICE OF PRODUCTION

DATE
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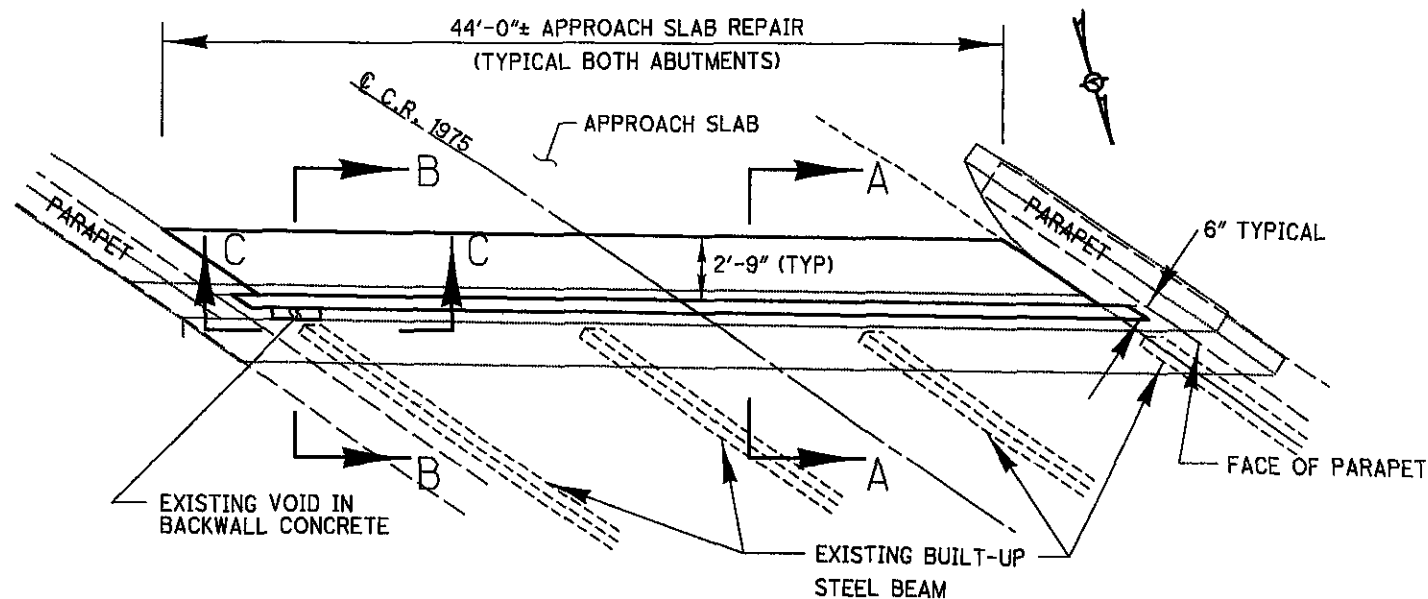
PLAN VIEW
ASD - 30 - 1284
UNDER COUNTY ROAD 1975

D03-BH-FY2008(A)

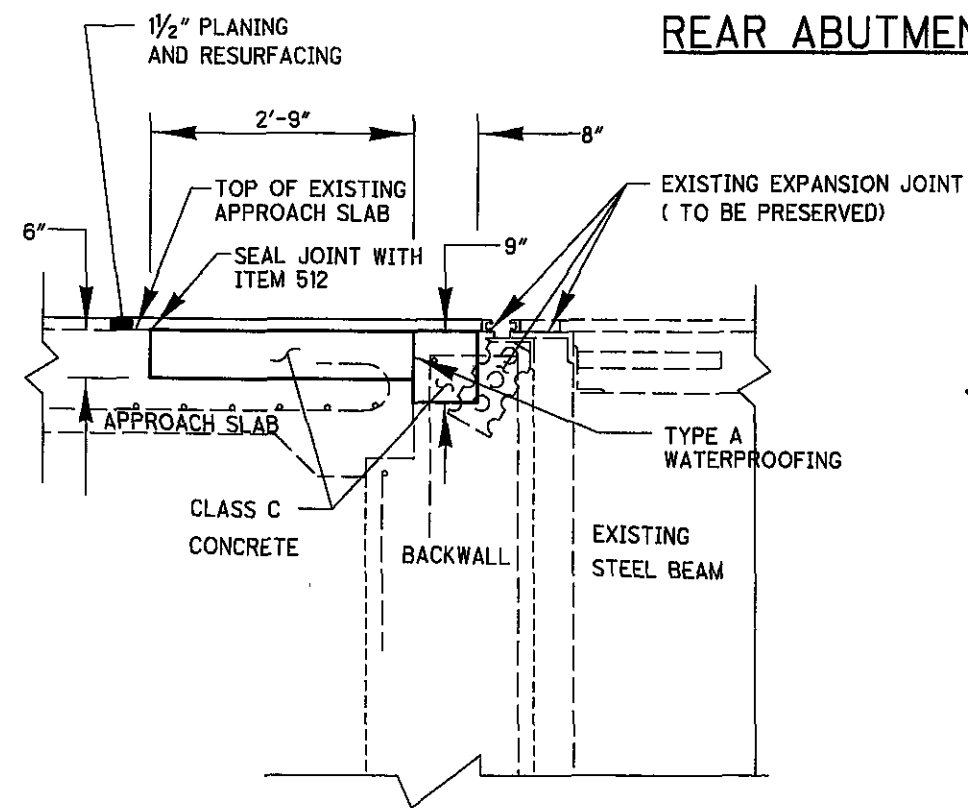
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WORKSTATION: dmo\lens DATE: 7/24/2007



REAR ABUTMENT



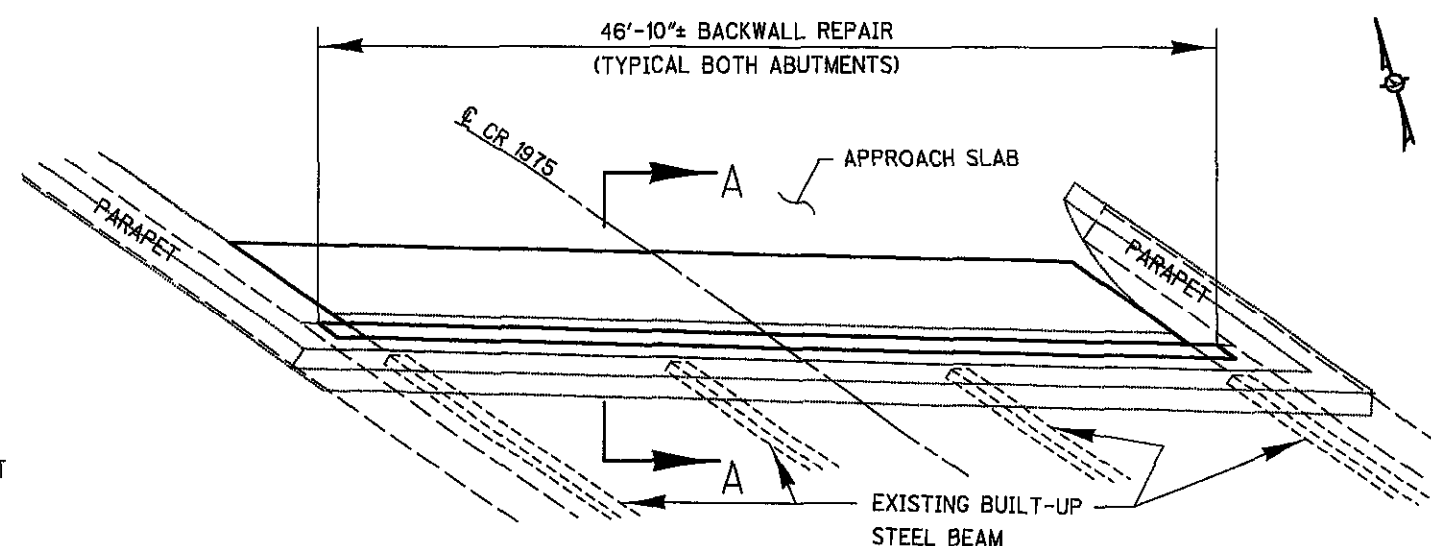
SECTION A-A

NOTES:

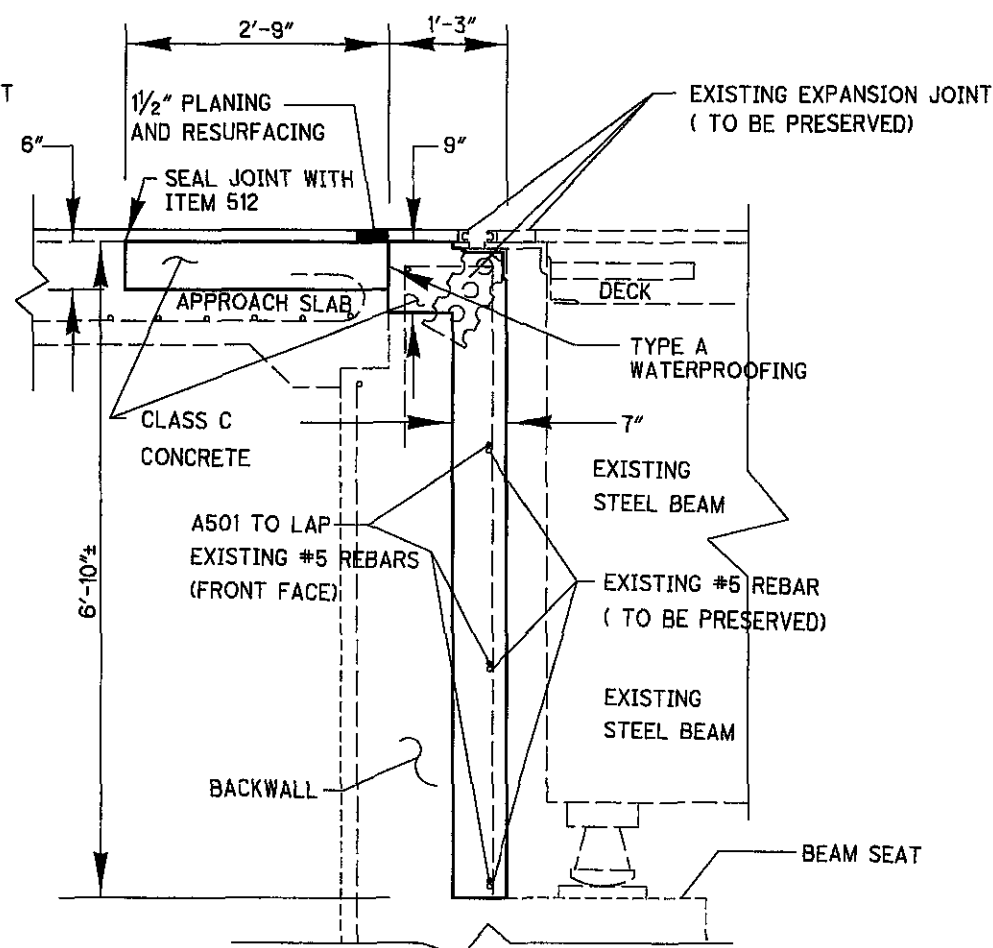
- 1) ALL EXISTING REINFORCING STEEL TO BE PRESERVED.
- 2) PLACE TYPE A WATERPROOFING ON END OF APPROACH SLAB REPAIR, COST INCLUDED IN ITEM 511.
- 3) SEAL NEW CONSTRUCTION JOINT IN APPROACH SLAB WITH ITEM 512.
(SEE GENERAL NOTE ON SHEET 3.)

ITEM	QUANTITY	UNIT	DESCRIPTION
202	7	CU YD	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN
509	7	POUND	EPOXY COATED REINFORCING STEEL
511	7	CU YD	CLASS C CONCRETE, ABUTMENT, AS PER PLAN (RECONSTRUCTION)
512	4	SQ YD	TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN

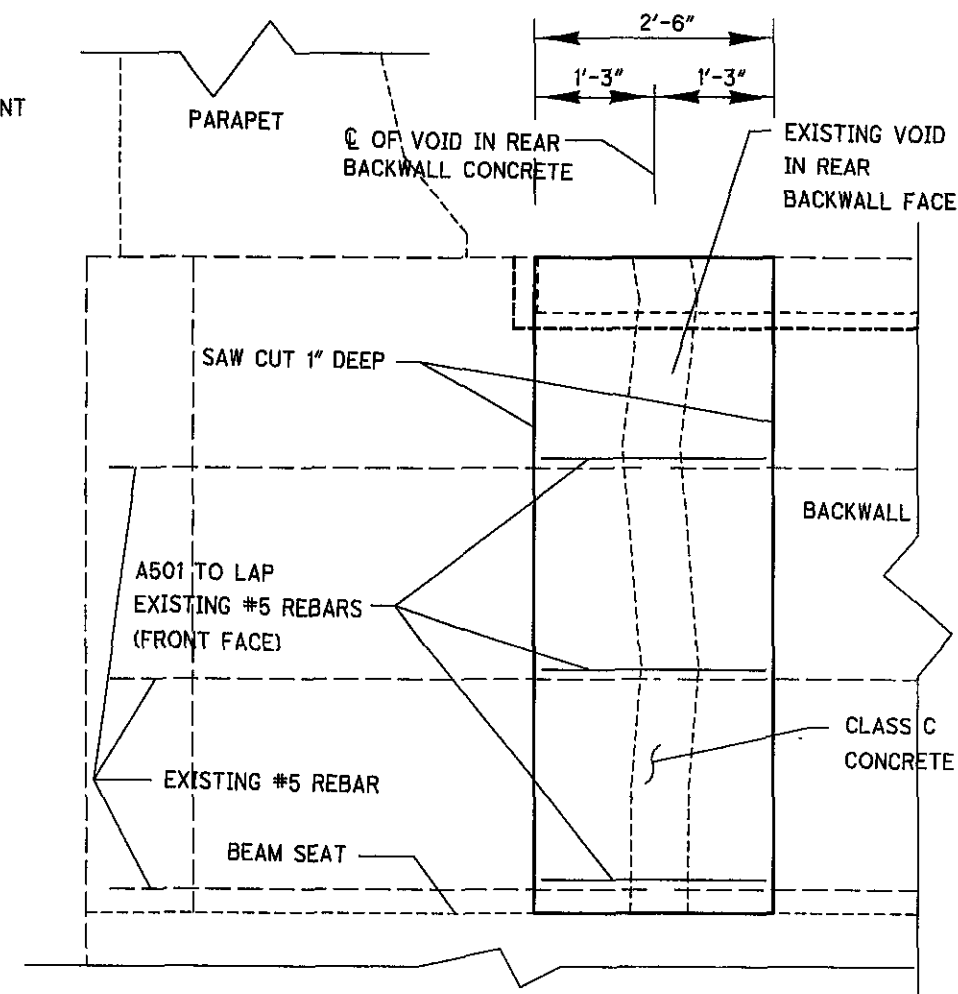
QUANTITIES CARRIED TO SHEET 10.



FORWARD ABUTMENT



SECTION B-B



SECTION C-C

REINFORCING TABLE				
MARK	NUMBER	LENGTH	WEIGHT (LBS)	TYPE
A501	3	2'-4"	7	STRAIGHT
		TOTAL	7	

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ABUTMENT REPAIR
ASD - 30 - 1284
UNDER COUNTY ROAD 1975

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