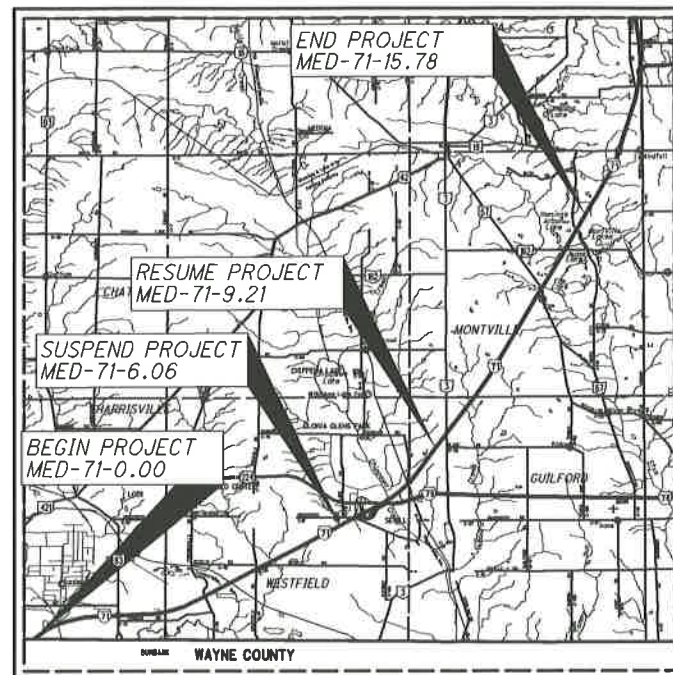




LOCATION MAP

LATITUDE: N 41° 27' 54" LONGITUDE: W 82° 02' 44"

SCALE IN MILES



PORTION TO BE IMPROVED -----

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

PLANS PREPARED BY:



ENGINEERS SEAL:



SIGNED: Karla R. Bohmer
DATE: 3/6/14

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

MED-71-(0.00)(9.21)

**VILLAGE OF WESTFIELD CENTER
GUILFORD TOWNSHIP
HARRISVILLE TOWNSHIP
MONTVILLE TOWNSHIP
WESTFIELD TOWNSHIP
MEDINA COUNTY**

INDEX OF SHEETS:

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STANDARD CONSTRUCTION DRAWINGS

BP-3.1	04/20/12	MT-95.30	07/19/13			800	04/18/14
		MT-98.10	07/19/13			821	04/20/12
DM-4.3	07/19/13	MT-98.11	07/19/13			832	01/17/14
DM-4.4	07/20/12	MT-98.20	07/19/13			921	04/20/12
		MT-98.22	07/19/13				
TC-41.20	10/18/13	MT-98.28	07/19/13				
TC-42.20	10/18/13	MT-99.20	07/19/13				
TC-52.10	10/18/13	MT-101.90	07/19/13				
TC-52.20	01/17/14	MT-105.10	07/19/13				
TC-72.20	07/20/12						SPECIAL

SUPPLEMENTAL
SPECIFICATIONS

800	04/18/14
821	04/20/12
832	01/17/14
921	04/20/12

*SPECIAL
PROVISIONS*

PROJECT DESCRIPTION

THIS PROJECT WILL INCLUDE PAVEMENT PLANING AND RESURFACING WITH ASPHALT CONCRETE AND PAVEMENT MARKINGS.

EARTH DISTURBED AREAS

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.

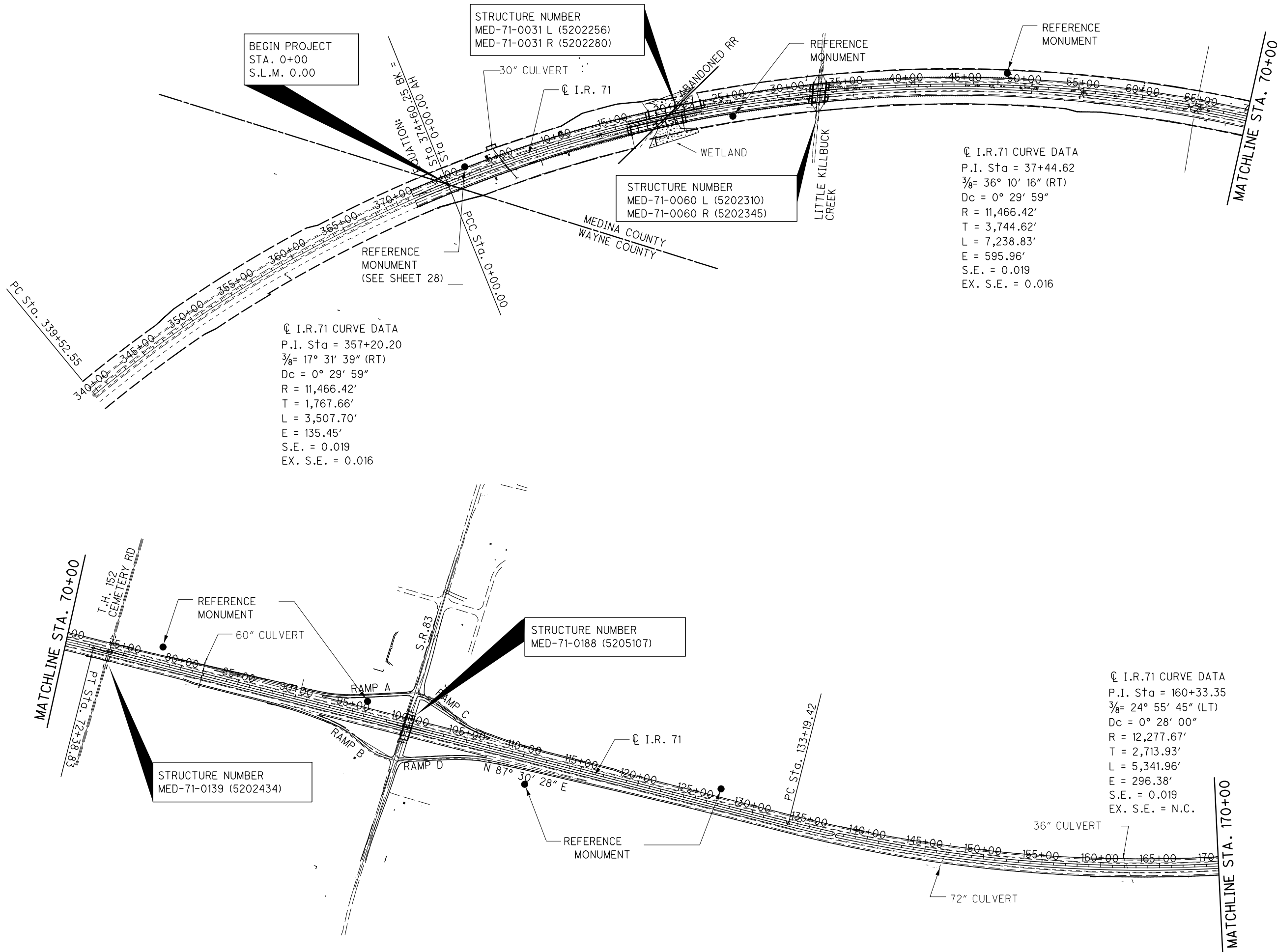
2013 SPECIFICATIONS

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.

APPROVED: Alan E. Smith
DATE 3-6-14 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF
TRANSPORTATION



SCHEMATIC PLAN

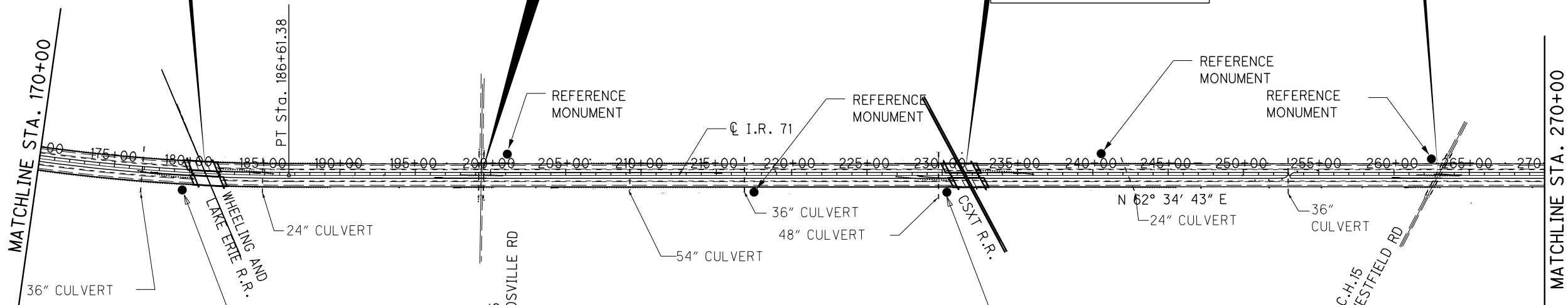
MED-71-(0.00)(9.21)

STRUCTURE NUMBER
MED-71-0342 L (5202493)
MED-71-0342 R (5202523)

STRUCTURE NUMBER
MED-71-0377 (5202558)

STRUCTURE NUMBER
MED-71-0437 L (5202582)
MED-71-0437 R (5202612)

STRUCTURE NUMBER
MED-71-0497 (5202647)

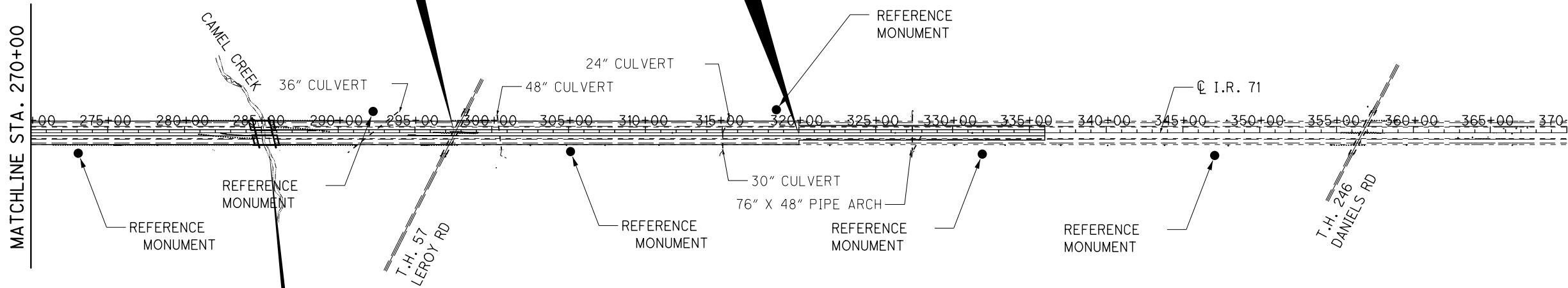


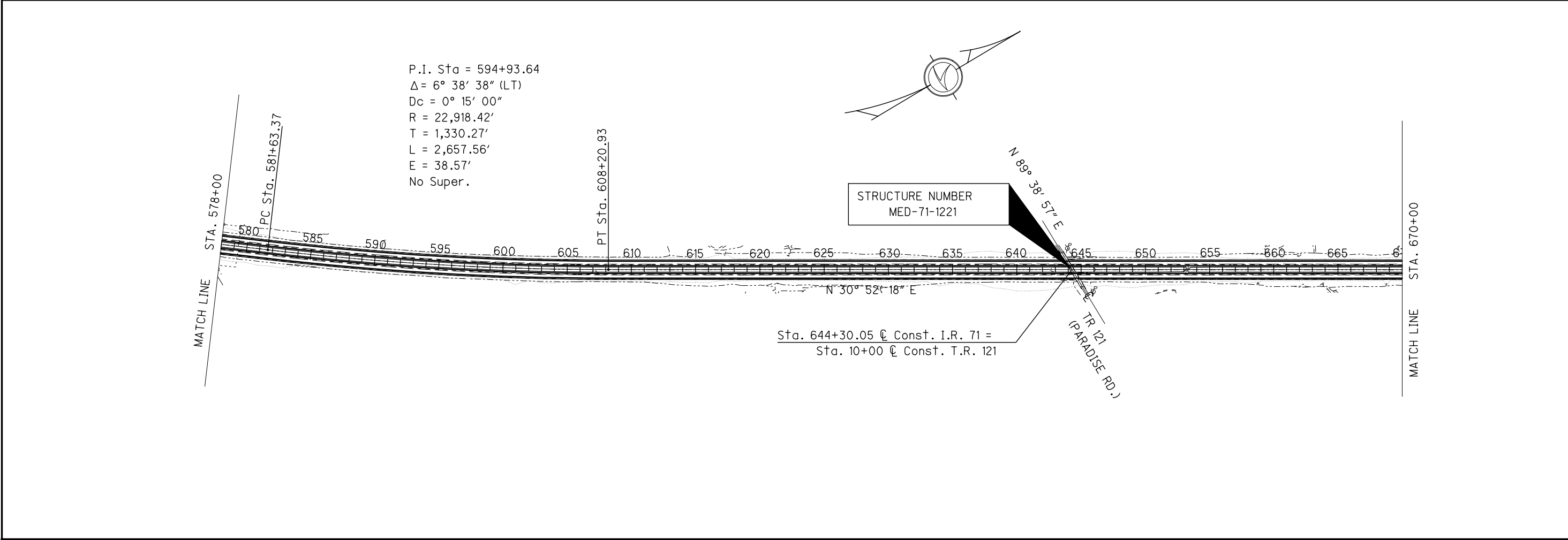
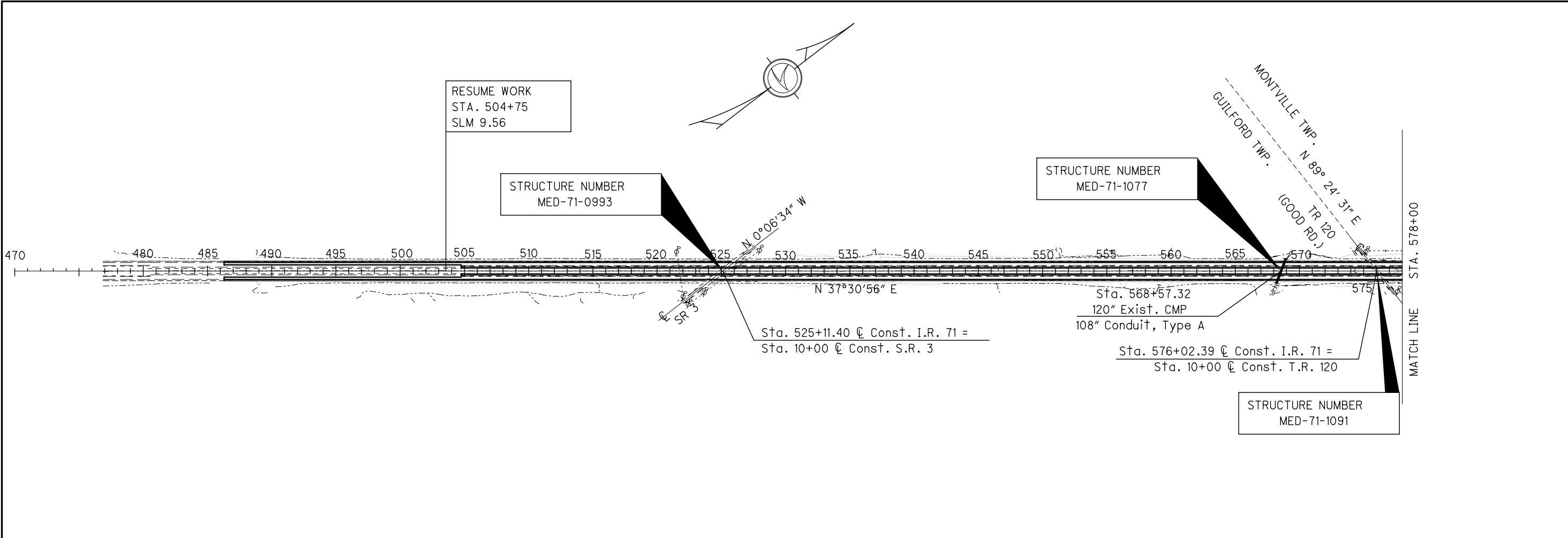
CL I.R. 71 CURVE DATA
P.I. Sta = 160+33.35
3/8 = 24° 55' 45" (LT)
Dc = 0° 28' 00"
R = 12,277.67'
T = 2,713.93'
L = 5,341.96'
E = 296.38'
S.E. = 0.019
EX. S.E. = N.C.

STRUCTURE NUMBER
MED-71-0563 (5202736)

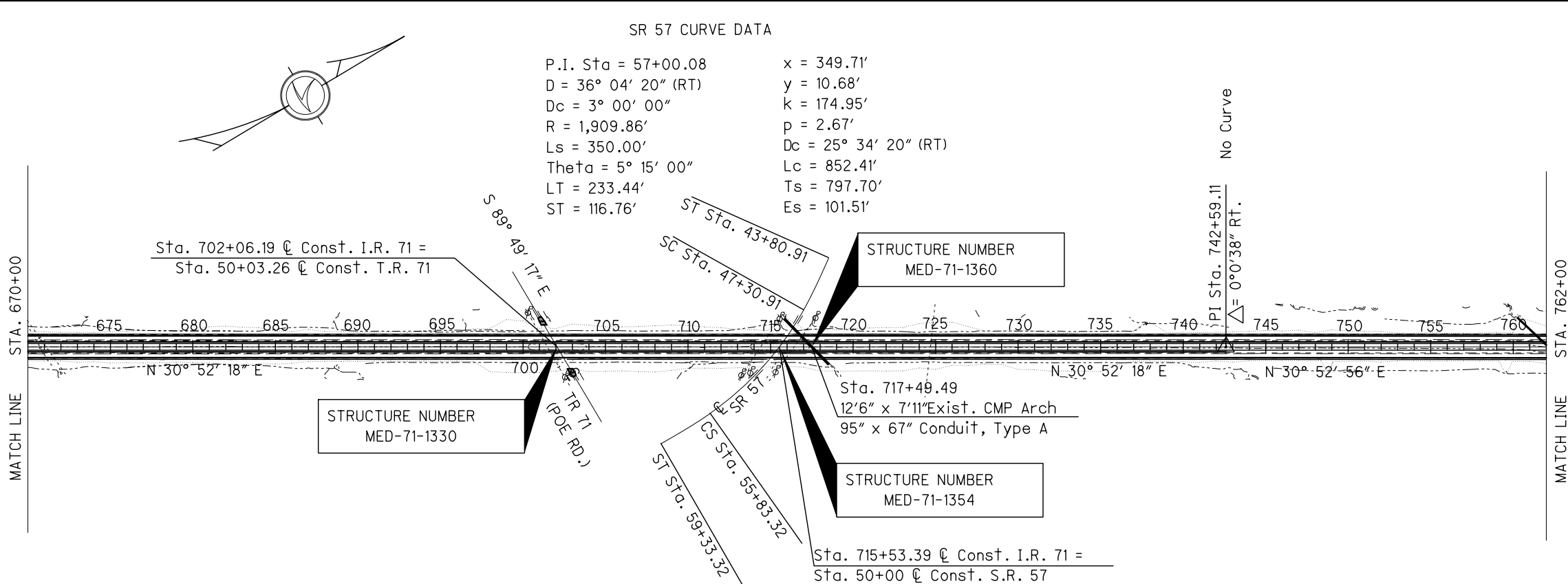
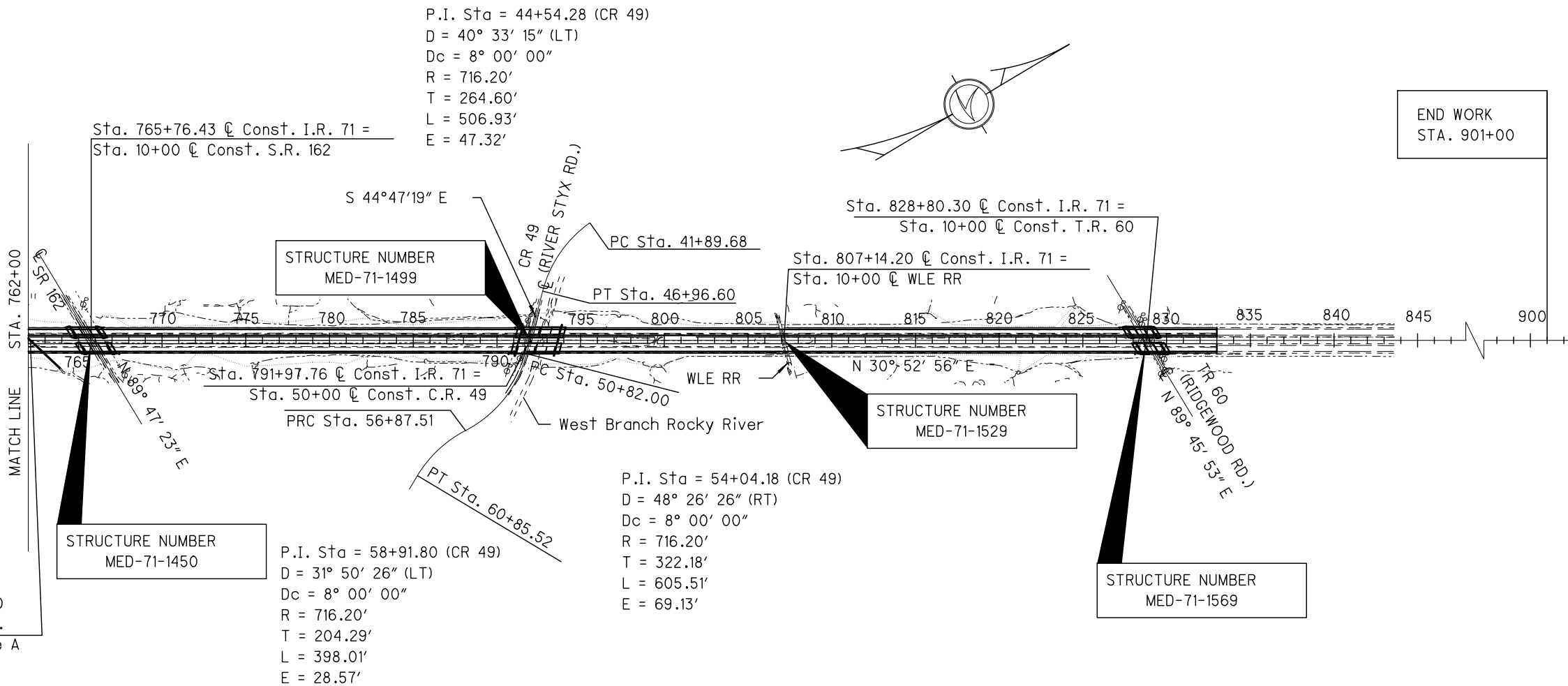
SUSPEND WORK
STA. 320+00
S.L.M. 6.06

STRUCTURE NUMBER
MED-71-0539 L (5202671)
MED-71-0539 R (5202701)





Sta. 762+12.80
Exist 60" Conc.
48" Conduit, Type A



- (1)

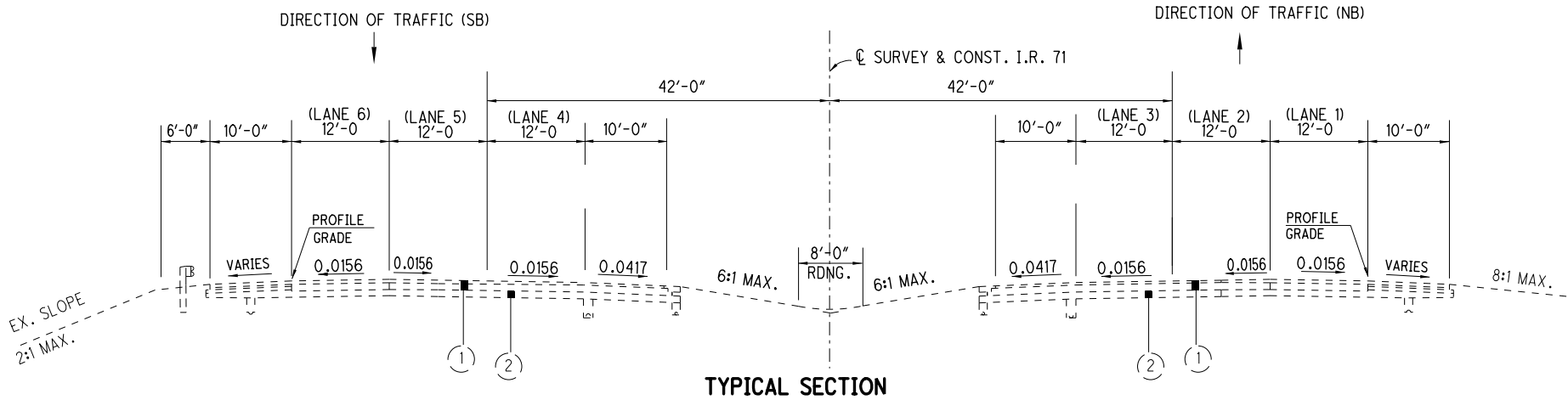
446

13 ¾" ASPHALT CONCRETE SURFACE COURSE, TYPE 1H
- (2)

304

10" AGGREGATE BASE

EXISTING ITEM LEGEND



DESIGN FILE: \\projects\88734\roadway\sheets\88734.GN001.dgn
WORKSTATION:mpeters
DATE: 3/7/2014
MODELNAME: Design

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS.

CABLE
ARMSTRONG UTILITIES
1141 LAFAYETTE RD.
MEDINA, OH 44256
PHONE 330-722-3141

TELEPHONE
FRONTIER COMMUNICATIONS
6223 NORWALK ROAD
MEDINA, OHIO 44256
330-722-9586

CABLE
TIME WARNER CABLE
1575 LEXINGTON AVENUE
MANSFIELD, OHIO 44901
419-756-6091

TELEPHONE
LEVEL 3 COMMUNICATIONS
106 SOUTH ARLINGTON STREET
AKRON, OH 44306
740-275-1133

ELECTRIC
LORAIN-MEDINA RURAL ELECTRIC
P.O. BOX 158
WELLINGTON, OHIO 44090
800-222-5673

TELEPHONE
MCI
120 RAVINE STREET
AKRON, OHIO 44303
330-253-8267

ELECTRIC
OHIO EDISON COMPANY
6326 LAKE AVENUE
ELYRIA, OHIO 44035
440-326-3207

MUNICIPAL
VILLAGE OF CRESTON
100 NORTH MAIN STREET
CRESTON, OHIO 44217
330-435-5019

GAS
COLUMBIA GAS
589 NORTH STATE ROAD
MEDINA, OHIO 44256
330-721-4163

MUNICIPAL
VILLAGE OF LODI
108 AINSWORTH STREET, P.O. BOX 95
LODI, OHIO 44254
330-948-2040

GAS
DOMINION EAST OHIO
320 SPRINGSIDE DR., SUITE 320
AKRON, OHIO 44333
330-664-2409

MUNICIPAL
CITY OF MEDINA
132 NORTH ELMWOOD STREET
MEDINA, OHIO 44256
330-722-9020

GAS
ENERVEST
125 ST. RT. 43
HARTVILLE, OHIO 44632
330-877-6747

COUNTY
MEDINA CO. SANITARY ENGINEER
791 WEST SMITH ROAD
MEDINA, OHIO 44256
330-723-9589

GAS
GATHERCO INC.
300 TRACY BRIDGE RD
ORRVILLE OH, 44667
330-498-9553

STATE
OHIO DEPT. OF TRANSPORTATION
906 CLARK AVENUE
ASHLAND, OHIO 44805
800-276-4188

THE AFOREMENTIONED UTILITY COMPANIES AND AGENCIES HAVE VARIOUS FACILITIES IN THE AREA THAT WILL REMAIN IN PLACE DURING CONSTRUCTION.

EXISTING PLANS

EXISTING PLANS ENTITLED WAY-71-7.04 AND MED-71-9.56 MAY BE INSPECTED IN THE ODOT DISTRICT 3 OFFICE IN ASHLAND.

ROUTINE MAINTENANCE

BETWEEN THE TIME THAT BIDS ARE TAKEN AND THE START OF CONSTRUCTION, THE MAINTAINING AGENCY MAY ENTER UPON THE PROJECT AND PERFORM ROUTINE MAINTENANCE SUCH AS CRACK SEALING, PATCHING, AND BERM AND SHOULDER REPAIR. THE EFFECTS, IF ANY, OF THE PERFORMANCE OF ROUTINE MAINTENANCE SHALL BE CONSIDERED AS INHERENT IN WORK OF THE CHARACTER PROVIDED FOR IN THE PLAN AND THE RESULTING CONDITIONS SHALL NOT BE CONSIDERED AS DIFFERING MATERIALLY FROM THOSE EXISTING AT THE TIME BIDS WERE TAKEN.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

ITEM 254. PAVEMENT PLANING, ASPHALT CONCRETE

THE INTENT OF THE PLANING IS TO MILL 1.5" DEEP FOR THE SPOT PAVING AREAS INDICATED IN THE PLANS ON IR 71 IN MEDINA COUNTY. THE PROGRESSION OF THE PLANING SHALL PROCEED IN SUCH A MANNER THAT NORMAL TRAFFIC WILL NOT BE ALLOWED TO RUN OVER THE PLANED ROADWAY SURFACE AT ANY TIME.

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.

CONSTRUCTION NOTIFICATION

THE CONTRACTOR SHALL ADVISE THE PROJECT ENGINEER A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE RESTRICTIONS, LANE CLOSURES, AND OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE FOLLOWING:

DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY FAX AT (614) 887-4305 OR EMAIL AT D03.PIO@DOT.STATE.OH.US

DISTRICT PERMIT SECTION BY FAX AT (419) 281-5925 OR EMAIL AT ERNIE.ROGGE@DOT.STATE.OH.US

CENTRAL OFFICE SPECIAL HAUL PERMITS SECTION BY FAX AT (614) 728-4099 OR EMAIL AT HAULING.PERMITS@DOT.STATE.OH.US

THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, THE LOCAL EMERGENCY SERVICES, AFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS, VIA MEDIA SOURCES.

ITEM 442. ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448)

IN ADDITION TO 401.14, THE TRANSVERSE AND LONGITUDINAL JOINTS RESULTING FROM THE SPOT REPAIRS SHALL BE SEALED WITH A 6" BAND OF ASPHALT MATERIAL ACROSS THE TOP SURFACE THAT RESULTS IN A COATING OF APPROXIMATELY 0.25 GALLONS PER SQUARE YARD. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.

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

NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR 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 A DISINCENTIVE FEE OF \$1500 PER DAY.

ITEM 621. RAISED PAVEMENT MARKER REMOVED

AN ESTIMATED QUANTITY OF 69 EACH OF ITEM 621 RAISED PAVEMENT MARKER REMOVED HAS BEEN PROVIDED. A FUTURE PROJECT WILL REPLACE THE RPM'S.

MAINTENANCE OF TRAFFIC

TRAFFIC IS NOT ALLOWED TO DRIVE ON THE MILLED SURFACE BEFORE OPENING TO TRAFFIC. THE CONTRACTOR SHALL SCHEDULE THEIR WORK AND HAVE THE PAVEMENT REPAIR AND PAVEMENT MARKINGS COMPLETED FOR THE SPOT LOCATIONS BEFORE OPENING TO TRAFFIC.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH CMS 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 ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

FLOODLIGHTING

FLOODLIGHTING OF THE WORK SITE FOR OPERATIONS CONDUCTED DURING NIGHTTIME PERIODS SHALL BE ACCOMPLISHED SO THAT THE LIGHTS DO NOT CAUSE GLARE TO THE DRIVERS ON THE ROADWAY. TO ENSURE THE ADEQUACY OF THE FLOODLIGHT PLACEMENT, THE CONTRACTOR AND THE ENGINEER SHALL DRIVE THROUGH THE WORK SITE EACH NIGHT WHEN THE LIGHTING IS IN PLACE AND OPERATIVE PRIOR TO COMMENCING ANY WORK. IF GLARE IS DETECTED, THE LIGHT PLACEMENT AND SHIELDING SHALL BE ADJUSTED TO THE SATISFACTION OF THE ENGINEER BEFORE WORK PROCEEDS.

PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614 - MAINTAINING TRAFFIC.

ITEM 614, MAINTAINING TRAFFIC: GENERAL

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.

THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PAVEMENT THROUGHOUT THE PROJECT UNDER ITEM 614, MAINTAINING TRAFFIC DURING THE PERIOD FROM THE START OF WORK TO THE COMPLETION OF ALL WORK.

ITEM 614, REPLACEMENT DRUM

DRUMS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT DRUMS SHALL BE NEW.

PAYMENT FOR THE NEW DRUMS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614, REPLACEMENT DRUM, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF THE DAMAGED DRUM, AND PROVIDING AND MAINTAINING THE REPLACEMENT DRUM IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS FOR THE ORIGINAL DRUM.

AN ESTIMATED QUANTITY OF 25 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

LANE CLOSURE DISINCENTIVE

A LANE CLOSURE IS DEFINED AS ANY RESTRICTION OF A LANE OF TRAFFIC INCLUDING, BUT NOT LIMITED TO, SET-UP AND TEARDOWN OF TRAFFIC CONTROL ZONES. THE CONTRACTOR WILL BE ASSESSED A PENALTY IN THE AMOUNT OF \$750.00 PER FIFTEEN (15) MINUTE INTERVAL THAT A LANE IS CLOSED TO TRAFFIC DURING TIMES DESIGNATED AS "LANE CLOSURE NOT PERMITTED" AS STATED IN THESE PLANS.

WORKING HOURS RESTRICTION

IR-71 IS A RESTRICTED LANE CLOSURE ROUTE DUE TO HIGH TRAFFIC VOLUMES. DURING THE PROJECT DURATION, LANE CLOSURES SHALL BE PERMITTED AS LISTED ON THE ODOT WEBSITE AT:

http://plcm.dot.state.oh.us

EXCEPT THE CONTRACTOR WILL NOT BE ALLOWED TO BEGIN NIGHT WORK ON SUNDAYS UNTIL 10 PM AND THE CONTRACTOR CAN ONLY WORK FROM 9 PM TO 6 AM WHEN ONLY ONE LANE IS OPEN.

RAMP WORK SHALL BE DONE ONLY AT NIGHTTIME FROM 9 PM TO 6 AM.

ITEM 614, MAINTAINING TRAFFIC

ALL ADVANCE WARNING SIGNS FOR ANY CONDITION WHICH RESTRICTS TRAFFIC SHALL BE ERECTED BEFORE ANY SUCH RESTRICTION IS PUT INTO EFFECT. ALL SUCH SIGNS SHALL BE COVERED OR REMOVED FROM THE VIEW OF TRAFFIC WHEN THEY ARE NOT APPLICABLE, WITH THE APPROVAL OF THE ENGINEER.

IF THE CONTRACTOR FAILS TO COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AS SET FORTH IN THESE PLANS OR WITH PROVISIONS OF THE OMUTCD, AND SUCH FAILURE RESULTS IN A CONDITION AT THE WORK SITE WHICH IS UNSAFE FOR TRAFFIC, THE ENGINEER SHALL SUSPEND WORK UNTIL THE CONTRACTOR COMPLIES WITH THE NECESSARY REQUIREMENTS.

ALL MAINTENANCE OF TRAFFIC SIGNS ARE PAID UNDER ITEM 614 - MAINTAINING TRAFFIC.

WORK OPERATIONS

IN ADDITION TO THE REQUIREMENTS OF SECTION 614 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS THE FOLLOWING SHALL APPLY:

THE CONTRACTOR'S EQUIPMENT SHALL BE OPERATED IN THE DIRECTION OF TRAVEL WHERE PRACTICAL. THE CONTRACTOR'S VEHICLES AND EQUIPMENT SHALL BE EQUIPPED WITH AT LEAST ONE AMBER FLASHING LIGHT. AMBER LIGHT SHALL BE VISIBLE TO ALL DIRECTIONS OF TRAFFIC A MINIMUM OF 0.25 MILE.

THE CONTRACTOR SHALL ARRANGE CONSTRUCTION OPERATIONS SO AS TO PREVENT ANY INTERFERENCE TO THE CONTINUOUS FLOW OF TRAFFIC. ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO THE CLOSED LANES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

MAINTENANCE OF TRAFFIC SCHEME

THE CONTRACTOR SHALL SCHEDULE THEIR WORK AND METHODS IN ORDER TO MEET THE INTENT OF THE PLANS. THE PAVEMENT SURFACES TO BE USED BY THE TRAVELING PUBLIC SHALL BE ABLE TO DRAIN FREELY. ALL COSTS TO MAINTAIN THE ROADWAY AS PER THE CONSTRUCTION AND MATERIALS SPECIFICATIONS AND THE PLANS SHALL BE INCLUDED IN ITEM 614 LUMP SUM MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED.

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE DURING CONSTRUCTION OPERATIONS

IN ADDITION TO THE REQUIREMENTS OF CMS 614 AND THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD), A UNIFORMED LAW ENFORCEMENT OFFICER (AND OFFICIAL PATROL CAR WITH MOUNTED EMERGENCY FLASHING LIGHTS) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC FOR THE FOLLOWING TASKS AS DIRECTED BY THE ENGINEER:

FOR LANE CLOSURES: DURING INITIAL SET-UP PERIODS, TEAR DOWN PERIODS, SUBSTANTIAL SHIFTS OF A CLOSURE POINT OR WHEN NEW LANE CLOSURE ARRANGEMENTS ARE INITIATED.

DURING THE ENTIRE ADVANCE PREPARATION AND CLOSURE SEQUENCE WHERE COMPLETE BLOCKAGE OF TRAFFIC IS REQUIRED.

DURING A TRAFFIC SIGNAL INSTALLATION.

LAW ENFORCEMENT OFFICERS (LEO'S) SHOULD NOT BE USED WHERE THE OMUTCD INTENDS THAT FLAGGERS BE USED. THE LEO'S ARE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH THEY ARE EMPLOYED BY THE CONTRACTOR, THE PROJECT ENGINEER SHALL HAVE CONTROL OVER THEIR PLACEMENT. THE OFFICIAL PATROL CAR SHALL BE A PUBLIC SAFETY VEHICLE AS REQUIRED BY THE OHIO REVISED CODE. THE CONTRACTOR SHALL PROVIDE THE LEO WITH A TWO WAY COMMUNICATION DEVICE WHICH SHALL BE RETURNED TO THE CONTRACTOR AT THE END OF HIS/HER SHIFT.

LEO'S SHOULD NOT FORGO THEIR TRAFFIC CONTROL RESPONSIBILITIES TO APPREHEND MOTORISTS FOR ROUTINE TRAFFIC VIOLATIONS. HOWEVER, IF A MOTORIST'S ACTIONS ARE CONSIDERED TO BE RECKLESS, THEN PURSUIT OF THE MOTORIST IS APPROPRIATE.

THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THESE SERVICES AND PROVIDE 72 HOURS ADVANCE NOTICE AS REQUIRED BY THE HIGHWAY PATROL LISTED BELOW:

MEDINA COUNTY

STATE HIGHWAY PATROL
3149 FRANTZ ROAD
MEDINA, OHIO 44256
330-725-4921

LAW ENFORCEMENT OFFICERS WITH PATROL CAR REQUIRED BY THE TRAFFIC MAINTENANCE TASKS ABOVE SHALL BE PAID FOR ON A UNIT PRICE (HOURLY) BASIS UNDER ITEM 614-LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE. THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 614, LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE 100 HOURS

THE HOURS PAID SHALL INCLUDE MINIMUM SHOW-UP TIME REQUIRED BY THE LAW ENFORCEMENT AGENCY INVOLVED.

IF THE CONTRACTOR WISHES TO UTILIZE LEO'S FOR FLAGGING AND TRAFFIC CONTROL OTHER THAN FOR THAT REQUIRED IN THESE PLANS, THEY MAY DO SO AT THEIR OWN EXPENSE.

ITEM 614 - REPLACEMENT SIGN

FLAT SHEET SIGNS FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH THE REQUIREMENTS OF THE PLANS, SPECIFICATIONS AND PROPOSAL WHICH BECOME DAMAGED BY TRAFFIC FOR REASONS BEYOND THE CONTROL OF THE CONTRACTOR SHALL BE REPLACED IN KIND WHEN ORDERED BY THE ENGINEER. REPLACEMENT SIGNS SHALL BE NEW. OTHER MATERIALS MAY BE IN USED, BUT GOOD, CONDITION SUBJECT TO APPROVAL BY THE ENGINEER.

PAYMENT FOR THE NEW SIGNS SHALL BE MADE AT THE CONTRACT PRICE PER EACH FOR ITEM 614 - REPLACEMENT SIGN, AND SHALL INCLUDE THE COST OF REMOVING AND DISPOSING OF DAMAGED SIGNS, HARDWARE AND SUPPORTS, AND PROVIDING THE NECESSARY REPLACEMENT HARDWARE, SUPPORTS, ETC.

AN ESTIMATED QUANTITY OF 10 EACH HAS BEEN PROVIDED IN THE GENERAL SUMMARY.

ITEM 614. WORKSITE TRAFFIC SUPERVISOR

SUBJECT TO APPROVAL OF THE ENGINEER, THE CONTRACTOR SHALL EMPLOY AND IDENTIFY (SOMEONE OTHER THAN THE SUPERINTENDENT) A CERTIFIED WORKSITE TRAFFIC SUPERVISOR (WTS) BEFORE STARTING WORK IN THE FIELD. THE WTS MAY BE CERTIFIED FROM ONE OF THE FOLLOWING ORGANIZATIONS:

1. AMERICAN TRAFFIC SAFETY SERVICE ASSOCIATION (ATSSA), PHONE NUMBER 1-800-272-8772, CERTIFIED TRAFFIC CONTROL SUPERVISOR (TCS).
2. NATIONAL HIGHWAY INSTITUTE, DESIGN AND OPERATION OF WORK ZONE TRAFFIC CONTROL, PHONE NUMBER 1-703- 235-0528.
3. THE OHIO CONTRACTORS ASSOCIATION, TRAFFIC CONTROL SUPERVISOR (OCA/TCS) WORK ZONE CLASS, ONLY IF TAKEN AFTER MAY 5, 2004, PHONE NUMBER 1-614-599-7915.
4. OHIO LABORERS TRAINING, TRAFFIC CONTROL SUPERVISORS CLASS, PHONE NUMBER 1-740-599-7915.

A COPY OF EACH WTS'S CERTIFICATION AND 24-HOUR CONTACT INFORMATION SHALL BE PROVIDED TO THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE. IF THE DESIGNATED WTS WILL NOT BE AVAILABLE FULL TIME (24/7) THE CONTRACTOR MAY DESIGNATE AN ALTERNATE WTS TO BE AVAILABLE WHEN THE PRIMARY IS OFF DUTY. EACH WTS SHALL HAVE A CURRENT WTS CERTIFICATION (WITH AN EXPIRATION DATE NO MORE THAN 5 YEARS FROM THE DATE OF ISSUE) FROM ANY OF THE APPROVED ORGANIZATIONS.

THE WTS POSITION HAS THE RESPONSIBILITY OF MONITORING TRAFFIC CONTROL DEFICIENCIES FOR THE ENTIRE WORK ZONE. THE DUTIES OF THE WTS ARE AS FOLLOWS:

1. BE AVAILABLE ON A 24-HOUR PER DAY BASIS, AND BE ABLE TO BE ON SITE FOR ALL EMERGENCY TRAFFIC CONTROL NEEDS WITHIN ONE HOUR OF NOTIFICATION BY POLICE OR PROJECT STAFF AND BE PREPARED TO EFFECT CORRECTIVE MEASURES IMMEDIATELY ON EXISTING WORK ZONE TRAFFIC CONTROL DEVICES.
2. ATTEND PRECONSTRUCTION MEETING AND ALL PROJECT MEETINGS WHERE TRAFFIC CONTROL MANAGEMENT IS DISCUSSED.
3. BE AVAILABLE FOR MEETINGS OR DISCUSSIONS WITH THE ENGINEER UPON REQUEST OR WITHIN 36 HOURS.
4. BE AWARE OF, AND COORDINATE IF NECESSARY, ALL TRAFFIC CONTROL OPERATIONS, INCLUDING THOSE OF SUBCONTRACTORS AND SUPPLIERS.
5. COORDINATE PROJECT ACTIVITIES WITH ALL LAW ENFORCEMENT OFFICERS (LEOS). A WTS SHALL ALSO BE THE MAIN CONTACT PERSON WITH THE LEO'S WHILE THEY ARE ON THE PROJECT.
6. COORDINATE MEETINGS WITH ODOT PERSONNEL, LEO'S AND OTHER APPLICABLE ENTITIES BEFORE EACH PLAN PHASE SWITCH TO DISCUSS WORK ZONE TRAFFIC CONTROL .
7. ENSURE COMPLIANCE WITH THE CONTRACT DOCUMENTS FOR SIGNS, BARRICADES, TEMPORARY CONCRETE BARRIER, PAVEMENT MARKINGS, PORTABLE MESSAGE SIGNS, AND OTHER TRAFFIC CONTROL DEVICES ON A DAILY BASIS; AND FACILITATE ANY CORRECTIVE ACTION NECESSARY.
8. NOTIFY THE CONTRACTOR OF THE NEED FOR CLEANING AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES, INCLUDING THE COVERING AND REMOVAL OF INAPPLICABLE SIGNS.
9. INSPECT, EVALUATE, PROPOSE NECESSARY MODIFICATIONS TO, AND DOCUMENT THE EFFECTIVENESS OF, THE TRAFFIC CONTROL DEVICES AND/OR TRAFFIC OPERATIONS ON A DAILY BASIS (7 DAYS A WEEK). IN ADDITION, A WEEKLY NIGHT INSPECTION OF THE WORK ZONE SETUP FOR DAYTIME WORK OPERATIONS; AND ONE DAYTIME INSPECTION PER WEEK FOR NIGHTTIME PROJECTS. THIS SHALL INCLUDE (BUT NOT BE LIMITED TO) DOCUMENTATION ON THE FOLLOWING PROJECT EVENTS:
 - A. INITIAL TRAFFIC CONTROL SETUP (DAY AND NIGHT REVIEW).
 - B. DAILY TRAFFIC CONTROL SETUP AND REMOVAL.
 - C. WHEN CONSTRUCTION STAGING CAUSES A CHANGE IN THE TRAFFIC CONTROL SETUP.
 - D. CRASH OCCURRENCES WITHIN THE CONSTRUCTION AREA.
 - E. REMOVAL OF TRAFFIC CONTROL DEVICES AT THE END OF A PHASE OR PROJECT.
 - F. ALL OTHER EMERGENCY TRAFFIC CONTROL NEEDS.
10. COMPLETE THE DEPARTMENT APPROVED LONG TERM INSPECTION FORM (CA-D-8) AFTER EACH INSPECTION AS REQUIRED IN # 9 AND SUBMIT IT TO THE ENGINEER THE FOLLOWING WORK DAY. THESE REPORTS SHALL INCLUDE A CHECKLIST OF ALL TRAFFIC CONTROL MAINTENANCE ITEMS TO BE REVIEWED. A COPY OF THE FORM WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING. ANY DEFICIENCIES OBSERVED SHALL BE NOTED, ALONG WITH RECOMMENDED CORRECTIVE ACTIONS AND THE DATES BY WHICH SUCH CORRECTIONS WERE, OR WILL BE, COMPLETED. A COPY OF THIS DOCUMENT CAN BE FOUND IN THE DEPARTMENT OF TRANSPORTATION CONSTRUCTION INSPECTION FORMS MANUAL DATED 10/15/06 OR CURRENT REVISION.
11. VERIFY THAT ALL FLAGGING OPERATIONS ARE BEING CONDUCTED PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
12. HAVE COPIES OF THE ODOT TEMPORARY TRAFFIC CONTROL MANUAL AND APPLICABLE STANDARDS AND SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS AVAILABLE AT ALL TIMES ON THE PROJECT.

THE DEPARTMENT WILL NOT PAY THE UNIT PRICE BID FOR THE WTS FOR ANY DAY ON WHICH THE CONTRACTOR FAILS TO PERFORM THE DUTIES SET FORTH ABOVE. SHOULD THE CONTRACTOR'S FAILURE TO PERFORM ANY OF THE DUTIES DESCRIBED ABOVE RESULT IN A MAINTENANCE OF TRAFFIC SAFETY ISSUE, THE DEPARTMENT WILL DEDUCT THE PRORATED DAILY AMOUNT FOR ITEM 614 MAINTENANCE OF TRAFFIC FROM THE CONTRACTOR'S NEXT SCHEDULED ESTIMATE.

IF THREE OR MORE FAILURES TO PERFORM THE DUTIES SET FORTH ABOVE OCCUR, THE WTS SHALL BE IMMEDIATELY REMOVED FROM THE WORK IN ACCORDANCE WITH C&MS 108.05.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN INCLUDED FOR THE WORKSITE TRAFFIC SUPERVISOR:

ITEM 614, WORKSITE TRAFFIC SUPERVISOR 2 MONTHS

ITEM 614. PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN

THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE, WHEN NO LONGER NEEDED, A CHANGEABLE MESSAGE SIGN, ON SITE, FOR THE DURATION OF THE PROJECT. THE SIGN SHALL BE OF A TYPE SHOWN ON A LIST OF APPROVED PCMS UNITS MAINTAINED BY THE DIRECTOR (OFFICE OF MATERIALS MANAGEMENT). THE APPROVED LIST OF PORTABLE CHANGEABLE MESSAGE SIGNS CAN BE FOUND ON THE ODOT WEBSITE BY CLICKING ON THE SERVICES MENU, THEN CLICKING ON MATERIALS MANAGEMENT. THE LIST CONTAINS CLASS A AND B UNITS WITH MINIMUM LEGIBILITY DISTANCES OF 650 FT. AND 475 FT., RESPECTIVELY.

EACH SIGN SHALL BE TRAILER-MOUNTED AND EQUIPPED WITH A FUNCTIONAL DIMMING MECHANISM, TO DIM THE SIGN DURING DARKNESS, AND A TAMPER AND VANDAL PROOF ENCLOSURE. EACH SIGN SHALL BE PROVIDED WITH APPROPRIATE TRAINING AND OPERATION INSTRUCTIONS TO ENABLE ON-SITE PERSONNEL TO OPERATE AND TROUBLESHOOT THE UNIT. THE SIGN SHALL ALSO BE CAPABLE OF BEING POWERED BY AN ELECTRICAL SERVICE DROP FROM A LOCAL UTILITY COMPANY. PCMS TRAILERS SHALL BE DELINEATED ON A PERMANENT BASIS BY AFFIXING CONSPICUITY TAPE CONFORMING TO CMS 614.03, IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER AS SEEN BY ONCOMING ROAD USERS.

THE PROBABLE PCMS LOCATIONS AND WORK LIMITS FOR THOSE LOCATIONS AS APPROVED BY THE ENGINEER. PLACEMENT, OPERATION, MAINTENANCE AND ALL ACTIVATION OF THE SIGNS BY THE CONTRACTOR SHALL BE AS DIRECTED BY THE ENGINEER. THE PCMS SHALL BE LOCATED IN A HIGHLY VISIBLE POSITION YET PROTECTED FROM TRAFFIC. THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RELOCATE THE PCMS TO IMPROVE VISIBILITY OR ACCOMMODATE CHANGED CONDITIONS. WHEN NOT IN USE, THE PCMS SHALL BE TURNED OFF. ADDITIONALLY, WHEN NOT IN USE FOR EXTENDED PERIODS OF TIME, THE PCMS SHALL BE TURNED, FACING AWAY FROM ALL TRAFFIC, AND SHALL DISPLAY ONE OR MORE YELLOW RETROREFLECTIVE SHEETING SURFACES OF 9-INCH BY 15-INCH MINIMUM SIZE FACING TRAFFIC.

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

THE CONTRACTOR SHALL IMPLEMENT A SYSTEM WHEREBY CHANGEABLE MESSAGES WILL BE IMPLEMENTED WITHIN 2 HOURS FOLLOWING TELEPHONE NOTIFICATION FROM THE PROJECT ENGINEER TO A DESIGNATED PHONE.

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

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

THE PCMS SHALL CONTAIN A CELLULAR TELEPHONE DATA LINK WHICH WILL (IN ACTIVE CELLULAR PHONE AREAS) ALLOW REMOTE SIGN ACTIVATION, MESSAGE CHANGES, MESSAGE ADDITIONS AND REVISIONS TO TIME OF DAY PROGRAMS. THE SYSTEM SHALL ALSO PERMIT VERIFICATION OF CURRENT AND PROGRAMMED MESSAGES. ONE REMOTE DATA INPUT DEVICE (LAPTOP COMPUTER PLUS MODEM OR EQUIVALENT) SHALL BE FURNISHED FOR USE BY THE DISTRICT TRAFFIC ENGINEER, OR EQUIVALENT, AND SHALL BE INSURED AGAINST THEFT.

ITEM 614. PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN (CONTINUED)

THE PCMS UNIT SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR IN ACCORDANCE WITH THE PROVISIONS OF CMS 614.07. THE CONTRACTOR SHALL, PRIOR TO ACTIVATING THE UNIT, MAKE ARRANGEMENTS, WITH AN AUTHORIZED SERVICE AGENT FOR THE PCMS, TO ASSURE PROMPT SERVICE IN THE EVENT OF FAILURE. ANY FAILURE SHALL NOT RESULT IN THE SIGN BEING OUT OF SERVICE FOR MORE THAN 12 HOURS, INCLUDING WEEKENDS. FAILURE TO COMPLY MAY RESULT IN AN ORDER TO STOP WORK AND OPEN ALL TRAFFIC LANES AND/OR IN THE DEPARTMENT TAKING APPROPRIATE ACTION TO SAFELY CONTROL TRAFFIC. THE ENTIRE COST TO CONTROL TRAFFIC, ACCRUED BY THE DEPARTMENT DUE TO THE CONTRACTOR'S NONCOMPLIANCE, WILL BE DEDUCTED FROM MONEYS DUE, OR TO BECOME DUE THE CONTRACTOR ON HIS CONTRACT.

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

PAYMENT FOR THE ABOVE DESCRIBED ITEM SHALL BE AT THE CONTRACT UNIT PRICE. PAYMENT SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, FUELS, LUBRICATING OILS, SOFTWARE, HARDWARE AND INCIDENTALS TO PERFORM THE ABOVE DESCRIBED WORK. THE CONTRACTOR SHALL ONLY BE PAID FOR PCMS UNITS WHEN THEY ARE IN OPERATION ON THE PROJECT AS SPECIFIED IN THE PLANS OR BY THE ENGINEER.

ITEM 614, PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN 60 DAY

[illegible]

MEDINA COUNTY IR 71 REPAIRS									
Direction	State SLM		AREA				ITEM 254	ITEM 407	ITEM 442
	Begin	End	DRIVING	MIDDLE	PASSING	TOTAL	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" DEEP)	TACK COAT, (0.08 GAL/SY)	1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448)
			SQ. YD	SQ. YD	SQ. YD	SQ. YD	SQ. YD	GAL	CU. YD
NB	202	203	233	133	0	366	366	29	15
NB	203	204	267	0	61	328	328	26	14
NB	204	205	45	0	392	437	437	35	18
NB	205	206	612	0	149	761	761	61	32
NB	206	207	197	4	73	274	274	22	11
NB	207	208	225	16	36	277	277	22	12
NB	211	212	31	4	188	223	223	18	9
NB	212	213	17	4	8	29	29	2	1
NB	213	214	4	4	0	8	8	1	0
NB	214	215	39	4	4	47	47	4	2
NB	215	216	10	0	0	10	10	1	0
NB	216	217	737	0	4	741	741	59	31
NB	217	218	71	4	32	107	107	9	4
SB	202	203	67	0	67	134	134	11	6
SB	203	204	0	0	0	0	0	0	0
SB	204	205	100	0	200	300	300	24	13
SB	205	206	0	0	0	0	0	0	0
SB	206	207	7	0	337	344	344	28	14
SB	207	208	17	24	296	337	337	27	14
SB	211	212	87	8	253	348	348	28	15
SB	212	213	142	4	112	258	258	21	11
SB	213	214	101	8	47	156	156	12	6
SB	214	215	271	137	125	533	533	43	22
SB	215	216	47	0	190	237	237	19	10
SB	216	217	23	0	279	302	302	24	13
SB	217	218	57	80	304	441	441	35	18
EXTRA AREA FOR RAMPS									
SR 83	RAMP	A				667	667	53	28
SR 83	RAMP	B				133	133	11	6
SR 83	RAMP	C				133	133	11	6
SR 83	RAMP	D				1000	1000	80	42
TOTAL TO GENERAL SUMMARY							8931	714	372

SLM 1-71 Statewide Mile	REPAIR TYPE	Lane 1 (NB) Driving				REPAIR TYPE	Lane 2 (NB) Middle				REPAIR TYPE	Lane 3 (NB) Passing				REPAIR TYPE	Lane 4 (SB) Passing				REPAIR TYPE	Lane 5 (SB) Middle				REPAIR TYPE	Lane 6 (SB) Driving				
	TRANSVERSE/ LONGITUDINAL	Length (Ft)	Width (Ft)	Depth (in)	Volume (CY)	TRANSVERSE/ LONGITUDINAL	Length (Ft)	Width (Ft)	Depth (in)	Volume (CY)	TRANSVERSE/ LONGITUDINAL	Length (Ft)	Width (Ft)	Depth (in)	Volume (CY)	TRANSVERSE/ LONGITUDINAL	Length (Ft)	Width (Ft)	Depth (in)	Volume (CY)	TRANSVERSE/ LONGITUDINAL	Length (Ft)	Width (Ft)	Depth (in)	Volume (CY)	TRANSVERSE/ LONGITUDINAL	Length (Ft)	Width (Ft)	Depth (in)	Volume (CY)	
202																															
	LONGITUDINAL	100	12	1.5	5.56	LONGITUDINAL	50	12	1.5	2.78						LONGITUDINAL	50	12	1.5	2.78						LONGITUDINAL	50	12	1.5	2.78	
	LONGITUDINAL	50	12	1.5	2.78	LONGITUDINAL	50	12	1.5	2.78																					
203																															
	LONGITUDINAL	100	12	1.5	5.56						LONGITUDINAL	200	2	1.5	1.85																
	LONGITUDINAL	50	12	1.5	2.78						LONGITUDINAL	25	6	1.5	0.69																
204																															
	LONGITUDINAL	6	6	1.5	0.17						LONGITUDINAL	200	2	1.5	1.85	LONGITUDINAL	25	12	1.5	1.39						LONGITUDINAL	50	12	1.5	2.78	
	LONGITUDINAL	6	6	1.5	0.17						LONGITUDINAL	20	6	1.5	0.56	LONGITUDINAL	50	12	1.5	2.78						LONGITUDINAL	100	12	1.5	5.56	
	TRANSVERSE	3	12	1.5	0.17						LONGITUDINAL	10	6	1.5	0.28																
	LONGITUDINAL	25	12	1.5	1.39						LONGITUDINAL	30	6	1.5	0.83																
											LONGITUDINAL	50	6	1.5	1.39																
											LONGITUDINAL	100	6	1.5	2.78																
											LONGITUDINAL	150	6	1.5	4.17																
											LONGITUDINAL	50	6	1.5	1.39																
											LONGITUDINAL	20	6	1.5	0.56																
											LONGITUDINAL	6	6	1.5	0.17																
											LONGITUDINAL	6	6	1.5	0.17																
											LONGITUDINAL	10	6	1.5	0.28																
											LONGITUDINAL	20	6	1.5	0.56																
											LONGITUDINAL	25	6	1.5	0.69																
205											LONGITUDINAL	30	6	1.5	0.83																
	TRANSVERSE	3	12	1.5	0.17						LONGITUDINAL	25	6	1.5	0.69																
	LONGITUDINAL	6	6	1.5	0.17						LONGITUDINAL	10	6	1.5	0.28																
	LONGITUDINAL	200	12	1.5	11.11						LONGITUDINAL	10	6	1.5	0.28																
	LONGITUDINAL	300	6	1.5	8.33						LONGITUDINAL	10	6	1.5	0.28																
	LONGITUDINAL	300	2	1.5	2.78						LONGITUDINAL	20	6	1.5	0.56																
	LONGITUDINAL	100	6	1.5	2.78						TRANSVERSE	3	6	1.5	0.08																
TRANSVERSE	3	12	1.5	0.17						LONGITUDINAL	10	6	1.5	0.28																	
											LONGITUDINAL	10	6	1.5	0.28																
											LONGITUDINAL	6	6	1.5	0.17																
											LONGITUDINAL	100	6	1.5	2.78																
206																															
	LONGITUDINAL	12	6	1.5	0.33	TRANSVERSE	3	12	1.5	0.17	LONGITUDINAL	12	6	1.5	0.33	LONGITUDINAL	10	6	1.5	0.28						LONGITUDINAL	6	6	1.5	0.17	
	LONGITUDINAL	30	12	1.5	1.67						LONGITUDINAL	3	12	1.5	0.17											LONGITUDINAL	400	2	1.5	3.70	
	LONGITUDINAL	20	12	1.5	1.11						LONGITUDINAL	6	6	1.5	0.17											LONGITUDINAL	100	12	1.5	5.56	
	LONGITUDINAL	100	6	1.5	2.78						LONGITUDINAL	30	6	1.5	0.83											LONGITUDINAL	200	2	1.5	1.85	
	LONGITUDINAL	100	2	1.5	0.93						LONGITUDINAL	3	12	1.5	0.17											LONGITUDINAL	50	12	1.5	2.78	
	LONGITUDINAL	50	6	1.5	1.39						LONGITUDINAL	50	6	1.5	1.39																
207																															
	LONGITUDINAL	30	6	1.5	0.83	LONGITUDINAL	12	12	1.5	0.67	LONGITUDINAL	15	2	1.5	0.14	LONGITUDINAL	25	6	1.5	0.69	LONGITUDINAL	30	6	1.5	0.83	TRANSVERSE	3	12	1.5	0.17	
	LONGITUDINAL	20	6	1.5	0.56						LONGITUDINAL	10	2	1.5	0.09											LONGITUDINAL	10	6	1.5	0.28	
	LONGITUDINAL	6	6	1.5	0.17						TRANSVERSE	3	12	1.5	0.17											LONGITUDINAL	100	2	1.5	0.93	
	LONGITUDINAL	20	6	1.5	0.56						LONGITUDINAL	15	6	1.5	0.42											LONGITUDINAL	100	2	1.5	0.93	
	LONGITUDINAL	50	6	1.5	1.39						LONGITUDINAL	10	2	1.5	0.09											LONGITUDINAL	750	2	1.5	6.94	
	TRANSVERSE	3	12	1.5	0.17						TRANSVERSE	3	12	1.5	0.17											TRANSVERSE	3	12	1.5	0.17	
LONGITUDINAL	15	2	1.5	0.14						TRANSVERSE	3	12	1.5	0.17											LONGITUDINAL	150	2	1.5	1.39		
	LONGITUDINAL	50	12	1.5	2.78																					LONGITUDINAL	25	12	1.5	1.39	
	LONGITUDINAL	100	6	1.5	2.78						LONGITUDINAL	15	6	1.5	0.42											LONGITUDINAL	6	6	1.5	0.17	
PAUSE WORK RESUME WORK																															
211																															
	TRANSVERSE	3	12	1.5	0.17		3	12	1.5	0.17	LONGITUDINAL	25	6	1.5	0.69	LONGITUDINAL	20	6	1.5	0.56	LONGITUDINAL	6	6	1.5	0.17	LONGITUDINAL	150	2	1.5	1.39	
	LONGITUDINAL	6	6	1.5	0.17						LONGITUDINAL	25	6	1.5	0.69	LONGITUDINAL	50	6	1.5	1.39	TRANSVERSE	3	12	1.5	0.17	LONGITUDINAL	300	6	1.5	8.33	
	TRANSVERSE	3	12	1.5	0.17						LONGITUDINAL	200	6	1.5	5.56	LONGITUDINAL	30	2	1.5	0.28						LONGITUDINAL	15	12	1.5	0.83	
	LONGITUDINAL	6	6	1.5	0.17						LONGITUDINAL	15	6	1.5	0.42																
	LONGITUDINAL	50	2	1.5	0.46						LONGITUDINAL	10	6	1.5	0.28																
	LONGITUDINAL	6	6	1.5	0.17						LONGITUDINAL	20	2	1.5	0.19																
212																															
	TRANSVERSE	3	12	1.5	0.17	LONGITUDINAL	6	6	1.5	0.17	LONGITUDINAL	10	2	1.5	0.09	LONGITUDINAL	35	6	1.5	0.97	LONGITUDINAL	6	6	1.5	0.17	TRANSVERSE	3	12	1.5	0.17	
	LONGITUDINAL	30	2	1.5	0.28						LONGITUDINAL	10	2	1.5	0.09											LONGITUDINAL	6	6	1.5	0.17	
	LONGITUDINAL	6	6	1.5	0.17											LONGITUDINAL	45	2	1.5	0.42						LONGITUDINAL	25	12	1.5	1.39	
	LONGITUDINAL	10	2	1.5	0.09						LONGITUDINAL	15	2	1.5	0.14											LONGITUDINAL	50	12	1.5	2.78	
																									LONGITUDINAL	6	6	1.5	0.17		
213																															
	LONGITUDINAL	6	6	1.5	0.17	LONGITUDINAL	6	6	1.5	0.17						LONGITUDINAL	10	6	1.5	0.28	LONGITUDINAL	6	6	1.5	0.17	LONGITUDINAL	10	12	1.5	0.56	
																LONGITUDINAL	3	12	1.5	0.17	LONGITUDINAL	6	6	1.5	0.17	LONGITUDINAL	25	12	1.5	1.39	
																LONGITUDINAL	6	6	1.5	0.17											

AUXILIARY & LONG LINE MARKINGS																												CALCULATED	MKP	KRB
COUNTY	ROUTE	SLM		HIGHWAY MILES	614				642, TYPE 1						644														SPECIAL	
					WORK ZONE LANE LINE, CLASS I, 642 PAINT	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	EDGE LINE		LANE LINE	CHANNELIZING LINE	CENTER LINE		AUXILIARY MARKINGS (740.04)												AIR SPEED ZONE MARKING			
									TOTAL (PAY QUANTITY) (WHITE)	TOTAL (PAY QUANTITY) (YELLOW)			SOLID LINE EQUIVALENT	TOTAL (PAY QUANTITY)	CHANNELIZING LINE	STOP LINE	ISLAND MARKING	RAILROAD SYMBOL MARKING	PARKING LOT STALL MARKING	LANE ARROW				WORD ON PAVEMENT "ONLY"		DOTTED LINE, 4"		HANDICAP SYMBOL MARKING		
		8"	24"	LEFT																RIGHT	THROUGH	COMBINATION	72 INCH	96 INCH						
		FROM	TO	MILE	MILE	MILE	FT	FT	MILE	MILE	MILE	FT	MILE	MILE	FT	FT	SQ FT	EACH	FT	EACH				EACH		FT	EACH	EACH		
MED	IR 71	0.00	6.06	6.06					0.51	0.19	0.03																			
MED	IR 71	9.21	15.78	6.57					0.27	0.30	0.04																			
MED	SR 83 RAMP A	1.33	1.89	0.56					0.09	0.09																				
MED	SR 83 RAMP B	1.52	1.89	0.37					0.02	0.02																				
MED	SR 83 RAMP C	1.89	2.27	0.38					0.02	0.02																				
MED	SR 83 RAMP D	1.89	2.37	0.48					0.14	0.14																				
TOTAL TO GENERAL SUMMARY									1.06	0.76	0.07																			
RAISED PAVEMENT MARKERS																														
COUNTY	ROUTE	STATION/SLM		DETAIL	621	621	PRISMATIC RETRO-REFLECTOR TYPES				REMARKS	DETAIL	DESCRIPTION																	
					RAISED PAVEMENT MARKER REMOVED	RPM	ONE-WAY	TWO-WAY				1	MULTILANE UNDIVIDED TYPICAL SPACING																	
								WHITE	YELLOW / YELLOW	WHITE / RED				YELLOW / RED	BLUE / BLUE															
		FROM	TO													EACH	EACH	EACH												
MED	IR 71	0.00	6.06	5	30									MAINLINE	10	3 LANE DIVIDED TO 2 LANE TRANSITION														
MED	IR 71	9.21	15.78	5	25										11	3 LANE UNDIVIDED TO 2 LANE TRANSITION														
															12	TWO LANE NARROW BRIDGE														
															13	TWO WAY LEFT TURN LANE														
MED	SR 83 RAMP A			4	3									SB ENTRANCE RAMP	14	ONE LANE BRIDGE														
MED	SR 83 RAMP B			3	2									NB EXIT RAMP	15	HORIZONTAL CURVE														
MED	SR 83 RAMP C			3	2									SB EXIT RAMP	16	HORIZONTAL CURVE ALT.														
MED	SR 83 RAMP D			4	7									NB ENTRANCE RAMP	17	STOP APPROACH ALT.														
															18	FIRE HYDRANT														
													GAP	CENTER LINE AT 80 FT. TYP.																
														NOTES																
														1) PLACE PAINT ONLY ON NEW PAVEMENT REPAIRS																
														2) RPMs TO BE REPLACED BY OTHERS																
														3) WIDTH OF MARKINGS SHALL BE 6"																
TOTAL TO GENERAL SUMMARY					69																									
PAVEMENT MARKING DATA																														
MED-71-(0.00)(9.21)																														
13 13																														