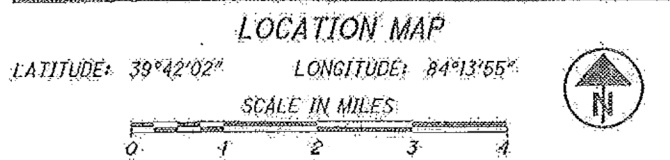
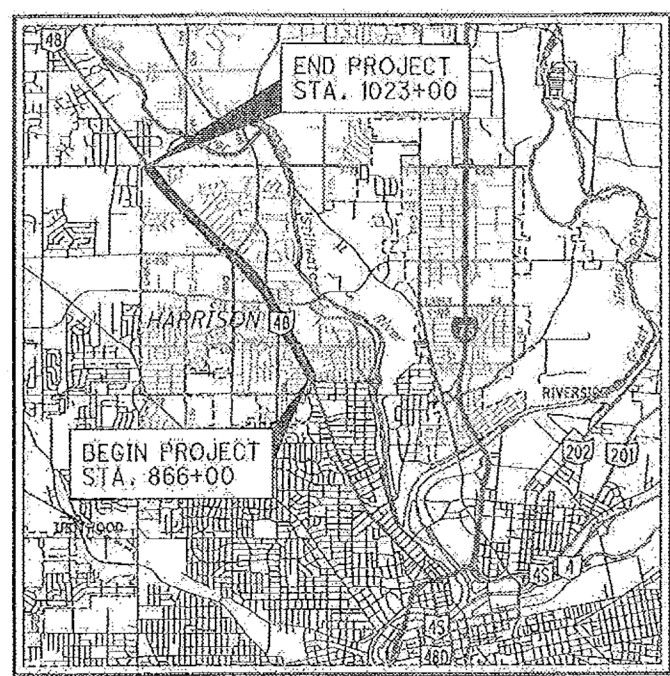


MOT - SR-48-16.21
148039 PID - 88721
Dist 7 12/11/2014

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



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
STATE & FEDERAL ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

DESIGN DESIGNATION

CURRENT ADT (2014)	24,470
DESIGN YEAR ADT (2034)	25,000
DESIGN HOURLY VOLUME (2034)	2,200
DIRECTIONAL DISTRIBUTION	0.53
TRUCKS (24 HOUR B&D)	0.07
DESIGN SPEED	40 mph
LEGAL SPEED	35 mph
DESIGN FUNCTIONAL CLASSIFICATION	
Principle Arterial	
NHS PROJECT	No

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:
OHIO DEPT. OF TRANSPORTATION, DISTRICT 7
1001 ST. MARYS AVE.
SIDNEY, OH

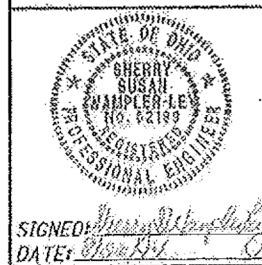
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

MOT-48-16.21
CITY OF CLAYTON
CITY OF DAYTON
HARRISON TOWNSHIP
MONTGOMERY COUNTY

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ENGINEERS SEAL:



SIGNED: *[Signature]*
DATE: *[Date]*

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	
BP-5.1	7/18/13	TC-81.21	1/17/14			800	10/17/14
BP-7.1	7/18/14	TC-83.10	1/17/14			809	07/18/14
		TC-83.20	10/18/13			816	1/20/12
MT-95.31	7/18/14	TC-85.10	10/18/13			821	4/20/12
MT-95.50	7/18/13	TC-85.20	10/18/13			832	1/17/14
MT-101.90	7/18/14	TC-85.22	1/17/14			921	4/20/12
MT-105.10	7/18/13						
MT-110.10	7/18/13	CB-3.1	1/18/13				
TC-18.30	10/18/13						
TC-21.20	10/18/13						
TC-22.20	01/17/14						
TC-41.20	10/18/13						
TC-42.20	10/18/13						
TC-52.10	10/18/13						
TC-52.20	7/18/14						

SPECIAL PROVISIONS

PROJECT DESCRIPTION

Signal system upgrade from Waverly/Wampler to Westbrook/ Dog Leg. To include upgrading curb ramps and traffic islands.

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

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 APPROVED 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 *[Signature]* DISTRICT DEPUTY DIRECTOR
DATE 8-26-14

APPROVED *[Signature]* DIRECTOR, DEPARTMENT OF TRANSPORTATION
DATE 10-3-14

FEDERAL PROJECT NO. E100775

PID NO. 88721

CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT NONE

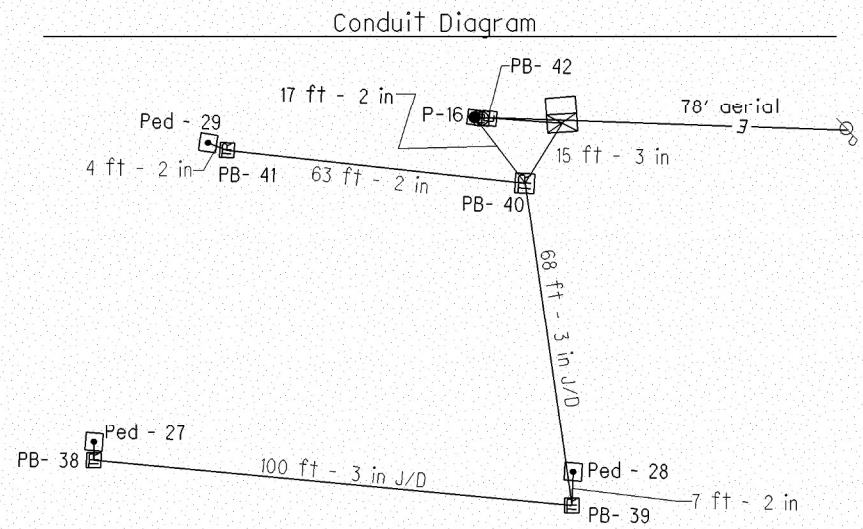
MOT-48-16.21

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Loop/ Detection Zone Chart						
ref.	phase	sta.	size	radar no./ camera no.	mode	lock/ non-lock
Z N- 68	2	922+34	60' x 8'	R-13	presence	lock
Z N- 69	2	922+34	60' x 8'	R-13	presence	lock
Z N- 68A	2	922+84	35' x 8'	C-18	presence	lock
Z N- 69A	2	922+85	35' x 8'	C-18	presence	lock
Z W- 70	8	923+37	35' x 8'	C-17	presence	lock
Z S- 71	6	924+58	100' x 8'	R-14	presence	lock
Z S- 72	6	924+58	100' x 8'	R-14	presence	lock
Z S- 71A	6	924+08	35' x 8'	C-19	presence	lock
Z S- 72A	6	924+08	35' x 8'	C-19	presence	lock

Proposed Pull Box Information			
	sta.	offset	size
PB- 38	922+94	40' RT	18'
PB- 39	923+92	45' RT	18'
PB- 40	923+81	22' LT	18'
PB- 41	923+17	26' LT	18'
PB- 42	923+73	35' LT	18'

All stationing is relative to CL S.R. 48 , unless state otherwise. PB-40 will be an electrical pull box, and part of signal power supply.



NOTE: Detection location is for reference only, actual placement will be recommended by manufacturer and District 7 Traffic Engineer. Numbered cameras are for information only. Video Detection System shall include all components and cameras required for major and minor streets, paid by intersection. An intersection will include immediate legs of the intersecting roadways operating under one traffic signal controller.

- Legend
- 3 section signal head
 - 5 section signal head
 - existing signal pole
 - proposed signal pole
 - RTA transmission lines
 - proposed video detection camera
 - " c conduit
 - sign
 - pedestrian push button
 - RSW — RTA span wire supports
 - ↙ advance radar detection unit

Pedestrian Facilities				
pedestals	sta.	offset	push-buttons	pedestrian signal heads
Ped - 27	922+92	36' RT	ped PB - 22	SH - 32
				SH - 33
Ped - 28	923+90	38' RT		SH - 34
Ped - 29	923+12	27' LT	ped PB - 23	SH - 35

