

PROJECT DESCRIPTION

SLIP REPAIR WITH RELATED WORK ON S.R. 146

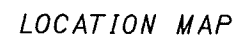
FEDERAL PROJECT NO. E036(512)

PID NO.
76523

2005 SPECIFICATIONS

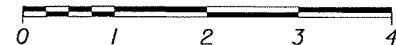
THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

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 SHEET 6/23.



LATITUDE: 39°59'04" LONGITUDE: -82°03'13"

SCALE IN MILES



PORTION TO BE IMPROVED.....

INTERSTATE & DIVIDED HIGHWAY.....

UNDIVIDED STATE & FEDERAL ROUTES.....

OTHER ROADS.....

DESIGN DESIGNATION

CURRENT ADT (2004).....	11100
DESIGN YEAR ADT (2024).....	15200
DESIGN HOURLY VOLUME (2024).....	1370
DIRECTIONAL DISTRIBUTION.....	55%
TRUCKS (24 HOUR B&C).....	550
DESIGN SPEED.....	55 MPH
LEGAL SPEED.....	55 MPH

DESIGN FUNCTIONAL CLASSIFICATION -
MINOR ARTERIAL

DESIGN EXCEPTIONS

SHOULDER WIDTH 2/09/05

TITLE SHEET.....	1
TYPICAL SECTION.....	2
PROJECT SITE PLAN.....	3
GENERAL NOTES.....	4-5, 5A
DETOUR MAPS.....	6
GENERAL SUMMARY.....	7-8
MAINTENANCE OF TRAFFIC.....	9-11, 11A
PLAN & PROFILE.....	12-13
SUBSUMMARY / CALCULATIONS.....	14
CROSS SECTIONS.....	15-21
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RIGHT OF WAY PLAN.....	23
LANDSLIDE INVESTIGATION.....	2

EARTH DISTURBING ACTIVITIES

PROJECT EARTH-DISTURBED AREA = 2.09 ACRES
ESTIMATED CONTRACTOR EARTH-DISTURBED AREA = 2.66 ACRES
NOTICE-OF-INTENT EARTH -DISTURBED AREA = 4.9 ACRES

UNDERGROUND UTILITIES
TWO WORKING DAYS
BEFORE YOU DIG
CALL 1-800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

PLAN PREPARED BY:
OHIO DEPARTMENT OF
TRANSPORTATION
DISTRICT 5

ENGINEERS SEAL:



SIGNED: David T. Fly
DATE: 2-22-06

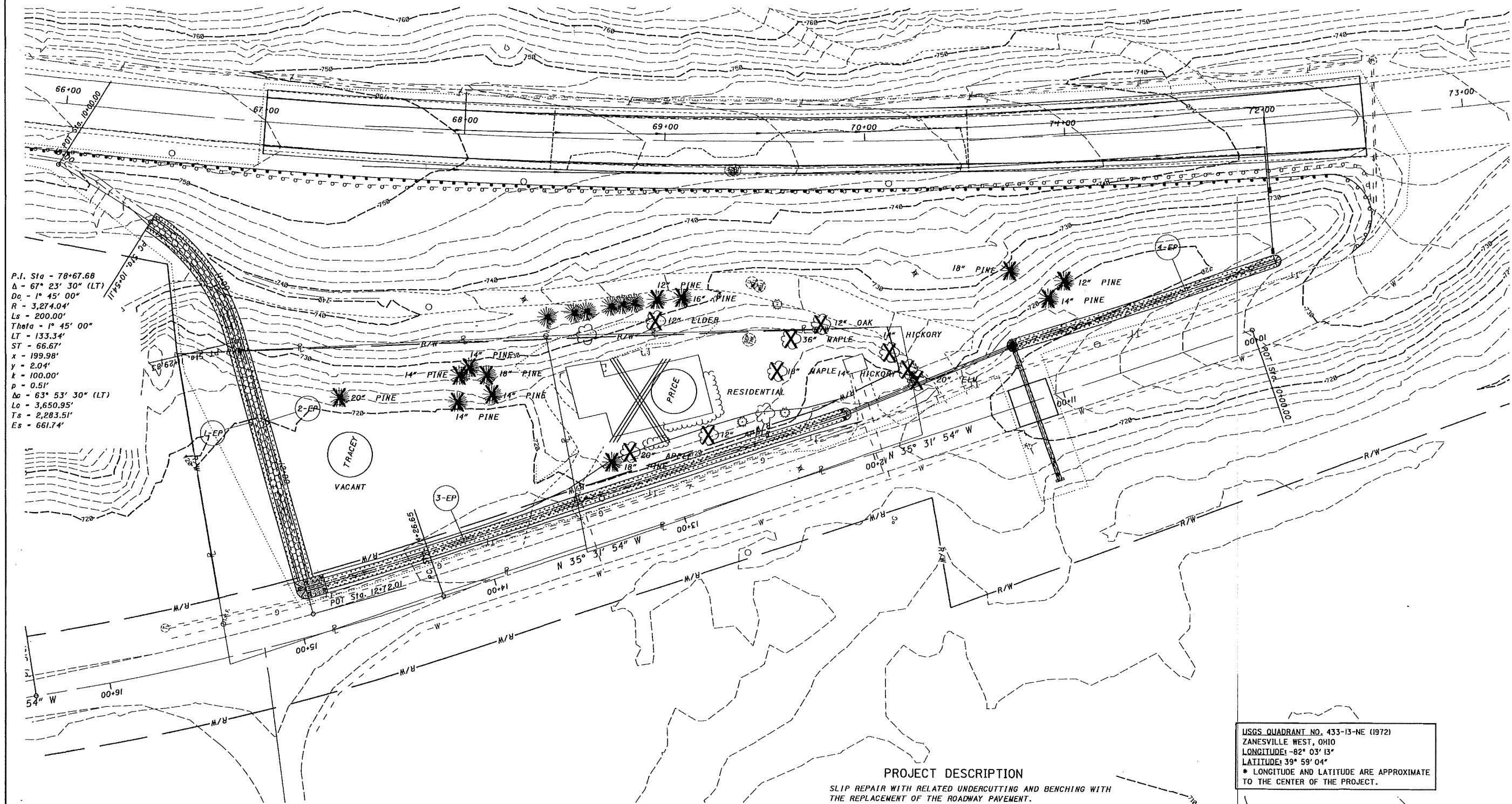
[illegible]

APPROVED _____
DATE 2-23-06 DISTRICT DEPUTY DIRECTOR

APPROVED [Signature] TSM
DATE 3/24/06 DIRECTOR, DEPARTMENT OF
TRANSPORTATION

NONE

MUS-146-10.93



CALCULATIONS
ITEM 660 SODDING STAKED

1-EP STA. 66+44.75 TO STA. 67+30.65
(198.5)(2.0)/9 = 44.1 SQ.YD.

2-EP STA. 66+48.30 TO STA. 67+37.71
(198.5)(2.0)/9 = 44.1 SQ.YD.

3-EP STA. 67+44.00 TO STA. 69+89.00
(275.0)(9.5)/9 = 290.3 SQ.YD.

4-EP STA. 70+70.00 TO STA. 72+00.00
(138.0)(9.5)/9 = 145.7 SQ.YD.
TOTAL = 524.2 SQ.YD.
525 SQ.YD. CARRIED TO GENERAL
SUMMARY SHEET 7/23.

PROJECT DATA

TOTAL AREA (RIGHT-OF-WAY)	2.09 ACRES
PROJECT EARTH DISTURBED AREA	2.09 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	2.66 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA	4.9 ACRES
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE	0.40 ACRES
IMPERVIOUS (PAVED) AREA FOR POST-CONSTRUCTION SITE	0.40 ACRES
RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.5
RUNOFF COEFFICIENT FOR POST-CONSTRUCTION SITE	0.5
SOIL AND WATER CONSERVATION MAPS	40
IMMEDIATE RECEIVING WATERS	LICKING RIVER
SUBSEQUENT RECEIVING WATERS	MUSKINGUM RIVER

USGS QUADRANT NO. 433-13-NE (1972)
ZANESVILLE WEST, OHIO
LONGITUDE: -82° 03' 13"
LATITUDE: 39° 59' 04"
* LONGITUDE AND LATITUDE ARE APPROXIMATE
TO THE CENTER OF THE PROJECT.

MARK	Q SURVEY AND CONSTRUCTION (STATION TO STATION)	SIDE	LENGTH	660 SODDING STAKED SQ.YD.
MUS-146-10.93				
1-EP	STA. 66+44.75 TO STA. 67+30.65	RT.	198.5	44.1
2-EP	STA. 66+48.30 TO STA. 67+37.71	RT.	198.5	44.1
3-EP	STA. 67+44.00 TO STA. 69+89.00	RT.	275.0	290.3
4-EP	STA. 70+70.00 TO STA. 72+00.00	RT.	139.0	145.7
SUBTOTAL				524.2
TOTAL (CARRIED TO SHEET 7/23)				525

BEGIN WORK
STA. 65+68.00
BEGIN R/W ACQUISITION
STA. 66+65.58

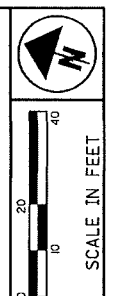
BEGIN PROJECT
STA. 67+50.00

MUS-146-10.93

FOURTH QUARTER, TOWNSHIP 1 NORTH, RANGE 8 WEST, U.S.M.L.
FALLS TOWNSHIP
MUSKINGUM COUNTY

END PROJECT
STA. 72+50.00
END WORK
STA. 72+72.00

END R/W ACQUISITION
STA. 70+25.60



PID NO.
76523

R/W DESIGNER
T.A.C.
1-05-05
R/W REVIEWER

RIGHT OF WAY PLAN - S.R. 146

MUS-146-10.93

23
23

S.R. 146 CURVE DATA

P.I. Sta = 78+67.68
Δ = 67° 23' 30" (LT)
Dc = 1° 45' 00"
R = 3,274.04'
Ls = 200.00'
Theta = 1° 45' 00"
LT = 133.34'
ST = 66.67'
x = 199.98'
y = 2.04'
k = 100.00'
p = 0.51'
Δc = 63° 53' 30" (LT)
Lc = 3,650.95'
Ts = 2,283.51'
Es = 661.74'

Δ = 63° 53' 30" (LT)
Lc = 3,650.95'
Ts = 2,283.51'
Es = 661.74'

TRACEY LARRY E. & MELISSA J.
17-17-53-01-34-000

PRICE WARREN L. & SARAH M.
17-17-55-02-78-000

ADELPHIA
5550 BLAZER PARKWAY
SUITE 150
DUBLIN, OHIO 43017
ATTN: SCOTT LANCIA

SBC (AMERITECH)
3935 NORTH POINT RD.
ZANESVILLE, OHIO 43701
ATTN: SANDY RANDOLPH
740-454-3455

AMERICAN ELECTRIC POWER
CENTRAL OHIO REGION
850 TECH CENTER DR.
GAHANNA, OHIO 43230
ATTN: RICK ECKLE
740-883-6829

GUERNSEY MUSKINGUM
ELECTRIC COOPERATIVE, INC.
17 SOUTH LIBERTY STREET
NEW CONCORD, OHIO 43762
ATTN: JOHN MARSHALL
740-826-7661

COLUMBIA GAS OF OHIO
2429 LINDEN AVENUE
ZANESVILLE, OHIO 43701
ATTN: JUSTIN GRAM
740-450-1205

MUSKINGUM COUNTY WATER DEPT.
P.O. BOX 2005
ZANESVILLE, OHIO 43702
ATTN: CHESTER SMITH
740-819-6585

COLUMBIA GAS TRANSMISSION
301 MAPLE STREET
P.O. BOX 330
SUGAR GROVE, OHIO 43155
ATTN: JOHN RADER
740-746-2279

NATIONAL GAS AND OIL CORP.
1500 GRANVILLE ROAD
P.O. BOX 4970
NEWARK, OHIO 43058
ATTN: GREG WILSON
740-348-1254

NORTH COAST ENERGY, INC.
5748 GLEN HIGHWAY
P.O. BOX 1478
CAMBRIDGE, OHIO 43725
ATTN: DAN WALKER
740-432-7359

CONVENTIONAL SIGNS

- COUNTY LINE
- TOWNSHIP LINE
- SECTION LINE
- CORPORATION LINE
- FENCE LINE (EXISTING)
- CENTER LINE
- SHRUBS STUMPS (TO BE REMOVED)
- UTILITY POLES: TELEPHONE POWER LIGHT
- UTILITY POLE DEAD MAN ANCHOR
- EXIST. TELECOM. & ELEC. LINE - T&E -
- PROP. STD. HWY. EASEMENT - SH ESMT -
- LIMITED ACCESS & RIGHT OF WAY - Ex. LA-R/W -
- EXISTING RIGHT OF WAY - Ex. R/W -
- PROPERTY LINE
- GUARDRAIL (EXISTING)
- GUARDRAIL (PROPOSED)
- CONSTRUCTION LIMITS
- INSIDE DITCH LINE

NOTES:

BASIS OF BEARINGS: ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY. THESE BEARINGS ARE TO AN ASSUMED MERIDIAN AND ARE USED TO DELINEATE ANGLES ONLY.

FOR EXISTING CENTERLINE OF S.R. 146 SEE PLAT FOR MUS-146-10.31 RECORDED IN PLAT BOOK 9, PAGE 63 OF THE MUSKINGUM COUNTY PLAT RECORDS.

TOTAL NUMBER OF:

- 2 - OWNERSHIPS
- 1 - OWNERSHIPS WITH STRUCTURES INVOLVED
- 2 - TOTAL TAKES
- 0 - OWNERSHIPS WITH "P" ITEMS

LEGEND

● - 3/4" X 30" REBAR WITH 2" ALUMINUM CAP
STAMPED "ODOT R/W-DISTRICT 5"

NET RESIDUE - RECORD AREA - TOTAL P.R.O. - NET TAKE
ALL AREAS IN ACRES

C.R. 660 CURVE DATA

P.I. Sta = 115+32.11
Δ = 9° 29' 59" (RT)
Dc = 1° 30' 52"
R = 1,269.15'
Ls = 105.46'
Ts = 210.43'
Es = 4.37'

PARCEL NO.	OWNER	OWNERS RECORD BOOK	PAGE	AUDITOR'S PARCEL	RECORD AREA(AC.)	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC- TURE	NET RESIDUE LEFT	RIGHT	TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED BOOK	PAGE
1-WD	TRACEY LARRY E. & MELISSA J.	1646	338	17-17-53-01-34-000	0.56	0.130	0.56	0.130	0.43	0	-	0	STATE	PARCEL 2 - TOTAL TAKE		
2-WD	PRICE WARREN L. & SARAH M.	645	118	17-17-55-02-78-000	7.0	0.133	0	0.133	0	0	-	0	STATE	PARCEL 1 - NO TAKE		
					0.34		0.34		0.207	1	-	0	STATE	TOTAL TAKE - 1-STY FRAMED HOUSE BY ORIGINAL DEED		

M/46000 I. RPM (SCALE - 20.0) (PID # 76523)

REV.	DATE	DESCRIPTION

DATE OF COMPLETION