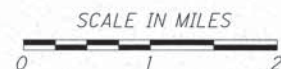




LOCATION MAP



UTILITIES

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

MUSKINGUM COUNTY
WATER DEPARTMENT
375 RICHARDS ROAD
ZANESVILLE, OH 43701
ATTN: DON MADDEN
740-453-0678

AMERICAN ELECTRIC POWER
TRANSMISSION LINE ENGINEERING
700 MORRISON ROAD
GAHANNA, OH 43230-6642
ATTN: BARB DUNLAP
614-552-1893

ODOT DISTRICT 5
TRAFFIC DEPARTMENT
9600 JACKSONTOWN ROAD
JACKSONTOWN, OH 43030
ATTN: RON MILLER
740-323-5286

DUNFALLS ASSOCIATION
355 MILL STREET
DUNCAN FALLS, OH 43734
ATTN: STEVE HAMBEL
740-674-7105

AT&T OHIO
160 N. 6TH STREET
ZANESVILLE, OH 43701
ATTN: BARRETT TAMASOVICH
740-454-3552

AEP DISTRIBUTION
850 TECH CENTER DRIVE
GAHANNA, OH 43230
ATTN: PAUL PAXTON
614-883-6831

NATIONAL GAS AND OIL COOPERATION
120 O'NEIL DRIVE
HEBRON, OH 43025
ATTN: GREG WILSON
740-348-1254

CHARTER COMMUNICATIONS
(TIME WARNER CABLE)
4547 N. LEEDOM ROAD
CHANDLERSVILLE, OH 43727
ATTN: BRAD ST. CLAIR
740-303-3100

RIGHT OF WAY LEGEND SHEET MUS-C.R. 32-0.00 (BRIDGE ST.)

MUSKINGUM COUNTY

HARRISON TOWNSHIP

SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST

VILLAGE OF DUNCAN FALLS

WAYNE TOWNSHIP

SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST

VILLAGE OF PHILO

INDEX OF SHEETS:

LEGEND SHEET	1
CENTERLINE PLAT	2-3
PROPERTY MAP	4-5
SUMMARY OF ADDITIONAL R/W	6
R/W TOPOGRAPHIC SHEETS	7-13 (ODD)
R/W BOUNDARY SHEETS	8-14 (EVEN)

CONVENTIONAL SYMBOLS

County Line	-----	Ditch / Creek (Ex)	-----
Township Line	-----	Ditch / Creek (Pr)	-----
Section Line	-----	Tree Line (Ex)	-----
Corporation Line	----- or -----	Ownership Hook Symbol	Example
Fence Line (Ex)	----- (Pr)	Property Line Symbol	Example
Center Line	-----	Break Line Symbol	Example
Right of Way (Ex)	----- Ex R/W	Tree (Pr)	Tree (Ex), Shrub (Ex)
Right of Way (Pr)	----- R/W	Tree (Remove)	Shrub (Remove)
Standard Highway Ease. (Ex)	----- Ex SH	Evergreen (Ex)	Stump
Temporary Right of Way	----- TMP	Evergreen (Remove)	Stump (Remove)
Channel Ease. (Pr)	----- CH	Wetland (Pr)	Grass (Pr), Aerial Target
Utility Ease. (Ex)	----- Ex U	Post (Ex)	Mailbox (Ex), Mailbox (Pr)
Railroad	----- or -----	Light (Ex)	Telephone Marker (Ex)
Guardrail (Ex)	----- (Pr)	Fire Hydrant (Ex)	Water Meter (Ex)
Construction Limits	-----	Water Valve (Ex)	Utility Valve Unknown (Ex)
Edge of Pavement (Ex)	-----	Telephone Pole (Ex)	Power Pole (Ex)
Edge of Pavement (Pr)	-----	Light Pole (Ex)	
Edge of Shoulder (Ex)	-----		
Edge of Shoulder (Pr)	-----		

PROJECT DESCRIPTION

REMOVAL OF THE EXISTING BRIDGE ST. STRUCTURE OVER THE MUSKINGUM RIVER AND CONSTRUCTION OF A NEW CROSSING AND REALIGNMENT OF THE APPROACH ROADWAY.

PLANS PREPARED BY:



R/W DESIGNER: NATHAN L. CONNER

R/W REVIEWER: TRAVIS D. McCARTY, P.S.

FIELD REVIEWER: NATHAN CONNER

PRELIMINARY FIELD REVIEW DATE: 10/25/2016

TRACINGS FIELD REVIEW DATE: 01/13/2017

OWNERSHIP UPDATED BY: NATHAN L. CONNER

DATE COMPLETED: 01/12/2017

PLAN COMPLETION DATE: 01/16/2017

STRUCTURE KEY

	RESIDENTIAL
	COMMERCIAL
	OUT-BUILDING

TYPES OF TITLE LEGEND:
WD = WARRANTY DEED
T = TEMPORARY EASEMENT

NOTES: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE OBTAINED FROM THE OWNER OF THE UTILITIES AS REQUIRED BY SECTION 153.64 O.R.C.



I, Steven L. Mullaney, P. S. have conducted a survey of the existing conditions for the Muskingum County Engineer's Office in August, 2015. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System South Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (US Survey Feet) by a Project Adjustment Factor of 0.99994369. As a part of this project I have reestablished the locations of the existing property lines and the existing centerline of Right of Way for property takes contained herein. As a part of this project I have established the proposed property lines, calculated the Gross Take, present roadway occupied (PRO), Net Take and Net Residue; as well as prepared the legal descriptions necessary to acquire the parcels as shown herein. As a part of this work I have set right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

Steven L. Mullaney, Professional Land Surveyor 7900

2/28/2017
Date

MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- 5/8" REBAR FOUND
- 5/8" REBAR FOUND W/ID CAP
- 5/8" REBAR SET W/CAP STAMPED "GPD"
- IRON PIPE FOUND
- P.K. NAIL FOUND
- P.K. NAIL SET

MUS-CR32-0.00

MUSKINGUM COUNTY
HARRISON TOWNSHIP

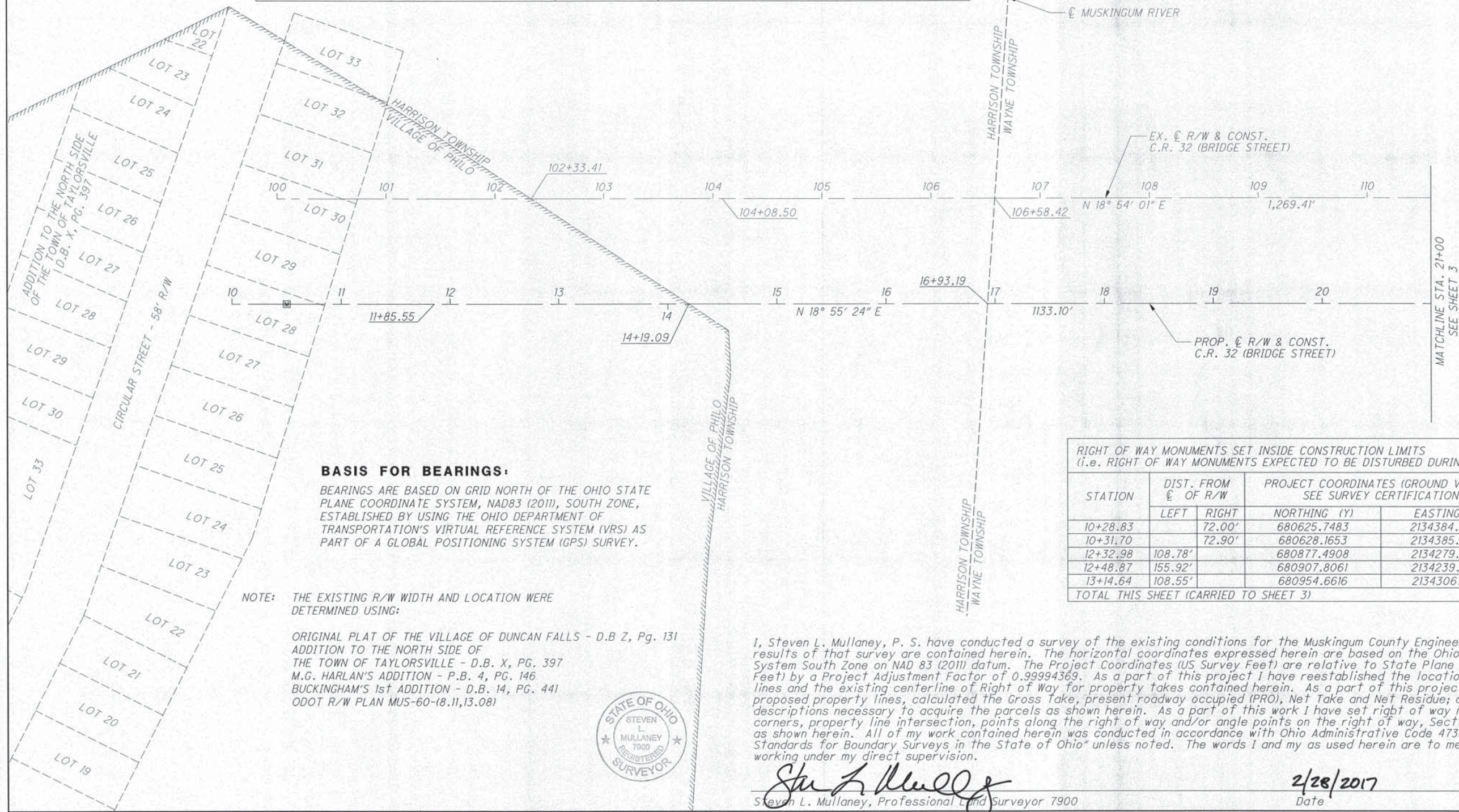
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
WAYNE TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF PHILO

RECEIVED: JANUARY 13, 2017
RECORDED: JANUARY 13, 2017
BOOK 20, PAGES 103 & 104

MUSKINGUM COUNTY RECORDER

MONUMENT TABLE

PROP. & CONST. C.R. 32 (BRIDGE STREET)		PROJECT COORDINATES (GROUND VALUES) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION	
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	DESCRIPTION
10+50.00	0	680669.1219	2134322.9634	1	P.O.T.
SUB-TOTAL (THIS SHEET)				1	



BASIS FOR BEARINGS:

BEARINGS ARE BASED ON GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM, NAD83 (2011), SOUTH ZONE, ESTABLISHED BY USING THE OHIO DEPARTMENT OF TRANSPORTATION'S VIRTUAL REFERENCE SYSTEM (VRS) AS PART OF A GLOBAL POSITIONING SYSTEM (GPS) SURVEY.

RIGHT OF WAY MONUMENTS SET INSIDE CONSTRUCTION LIMITS (i.e. RIGHT OF WAY MONUMENTS EXPECTED TO BE DISTURBED DURING CONSTRUCTION)

STATION	DIST. FROM		PROJECT COORDINATES (GROUND VALUES) SEE SURVEY CERTIFICATION		R/W MONUMENTS
	LEFT	RIGHT	NORTHING (Y)	EASTING (X)	
10+28.83		72.00'	680625.7483	2134384.2057	1
10+31.70		72.90'	680628.1653	2134385.9906	1
12+32.98	108.78'		680877.4908	2134279.4032	1
12+48.87	155.92'		680907.8061	2134239.9689	1
13+14.64	108.55'		680954.6616	2134306.1039	1
TOTAL THIS SHEET (CARRIED TO SHEET 3)					5

I, Steven L. Mullaney, P. S. have conducted a survey of the existing conditions for the Muskingum County Engineer's Office in August, 2015. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System South Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (US Survey Feet) by a Project Adjustment Factor of 0.99994369. As a part of this project I have reestablished the locations of the existing property lines and the existing centerline of Right of Way for property takes contained herein. As a part of this project I have established the proposed property lines, calculated the Gross Take, present roadway occupied (PRO), Net Take and Net Residue; as well as prepared the legal descriptions necessary to acquire the parcels as shown herein. As a part of this work I have set right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

Steven L. Mullaney, Professional Land Surveyor 7900

2/28/2017
Date

CENTERLINE PLAT
1 OF 2

MUS-CR32-0.00

2 / 14

134
146

RECEIVED: JANUARY 13, 2017
RECORDED: JANUARY 13, 2017
BOOK 20, PAGES 103 & 104

MUSKINGUM COUNTY RECORDER

LINE TABLE

LINE	BEARING	DISTANCE
L1	S 83°19'34" E	18.07'
L2	S 79°18'55" E	12.00'
L3	N 18°55'24" E	1133.10'

MUS-CR32-0.00

MUSKINGUM COUNTY
WAYNE TOWNSHIP

SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF DUNCAN FALLS

RIGHT OF WAY MONUMENTS SET INSIDE CONSTRUCTION LIMITS
(i.e. RIGHT OF WAY MONUMENTS EXPECTED TO BE DISTURBED DURING CONSTRUCTION)

STATION	DIST. FROM OF R/W		STATE PLANE GRID COORDINATES		R/W MONUMENTS
	LEFT	RIGHT	NORTHING (Y)	EASTING (X)	
21+31.82	66.85'		681714.1533	2134610.5628	1
21+54.44	66.47'		681732.8668	2134616.9700	1
21+85.50		19.64'	681739.6558	2134707.7282	1
22+25.19	63.09'		681792.2342	2134633.0494	1
23+29.34	33.59'		681891.0494	2134671.4658	1
24+52.64	18.12'		682012.0185	2134717.9427	1
24+59.12	8.24'		682014.8563	2134729.4155	1
25+82.82	55.39'		682147.1884	2134725.9691	1
25+92.39	53.12'		682155.6242	2134731.3391	1
26+14.39	29.94'		682146.4401	2134816.9256	1
26+17.68		13.08'	682156.0284	2134802.7219	1
27+04.87	15.71'		682245.3512	2134824.0202	1
TOTAL THIS SHEET					12
TOTAL FROM SHEET 2					5
TOTAL CARRIED TO GENERAL SUMMARY					17

PROP. & CONST.
WEST WATER STREET
P.I. Sta. 10+96.30
Δ = 25° 58' 34" (LT)
Dc = 28° 38' 52"
R = 200.00'
T = 46.13'
L = 90.67'
E = 5.25'
C = 89.90'
C.B. = S 82° 06' 22" E

PROP. & CONST.
WEST WATER STREET
P.I. Sta. 11+61.46
Δ = 11° 46' 05" (RT)
Dc = 28° 38' 52"
R = 200.00'
T = 20.61'
L = 41.08'
E = 1.06'
C = 41.01'
C.B. = S 89° 12' 36" E

& R/W & CONST.
S.R. 60 (MAIN STREET)
P.I. Sta. 497+15.84
Δ = 14° 22' 00" (RT)
Dc = 3° 15' 00"
R = 1,762.95'
T = 222.19'
L = 442.05'
E = 13.95'
C = 440.89'
C.B. = N 64° 26' 07" W

PROP. & CONST.
WEST WATER STREET
S 69°07'05" E
50.17'
LOT 12 - SQUARE 1
PC Sta. 10+50.17

PI Sta. 112+69.41
Δ = 02°07'00" RT.

PI Sta. 12+92.08
Δ = 13°47'38" RT.

PROP. & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 23+58.74
Δ = 17° 29' 24" (RT)
Dc = 11° 27' 33"
R = 500.00'
T = 76.91'
L = 152.63'
E = 5.88'
C = 152.04'
C.B. = N 10° 37' 35" E

PROP. & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 22+08.02
Δ = 17° 02' 32" (LT)
Dc = 11° 27' 33"
R = 500.00'
T = 74.91'
L = 148.72'
E = 5.58'
C = 148.17'
C.B. = N 10° 24' 09" E

PROP. & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 26+63.92
Δ = 24° 48' 40" (RT)
Dc = 17° 21' 44"
R = 330.00'
T = 72.59'
L = 142.90'
E = 7.89'
C = 141.79'
C.B. = N 31° 46' 37" E

PROP. & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 28+18.50
Δ = 34° 39' 56" (LT)
Dc = 21° 13' 14"
R = 270.00'
T = 84.26'
L = 163.36'
E = 12.84'
C = 160.88'
C.B. = N 26° 50' 59" E

- Ⓐ 111+56.42 EX. & R/W C.R. 32 (BRIDGE STREET)=
111+56.42 EX. & CONST. C.R. 32 (BRIDGE STREET)=
9+90.71 & R/W WEST WATER STREET
- Ⓑ 10+00.00 & R/W WEST WATER STREET=
10+00.00 PLATTED & R/W C.R. 32 (BRIDGE STREET)
- Ⓒ 10+00.00 & R/W EAST WATER STREET=
9+90.50 PLATTED & R/W C.R. 32 (BRIDGE STREET)
- Ⓓ 111+70.88 EX. & R/W C.R. 32 (BRIDGE STREET)=
111+70.88 EX. & CONST. C.R. 32 (BRIDGE STREET)=
11+10.17 & CONST. WEST WATER STREET
- Ⓔ 10+17.63 PLATTED & R/W C.R. 32 (BRIDGE STREET)=
11+19.78 & CONST. WEST WATER STREET
- Ⓕ 22+40.00 PROP. & CONST. C.R. 32 (BRIDGE STREET)=
12+00.00 & CONST. WEST WATER STREET
- Ⓖ 22+05.00 PROP. & CONST. C.R. 32 (BRIDGE STREET)=
10+00.00 & CONST. EAST WATER STREET
- Ⓗ 21+62.43 PROP. & CONST. C.R. 32 (BRIDGE STREET)=
10+90.37 & R/W EAST WATER STREET
- Ⓘ 496+52.29 & R/W & CONST. S.R. 60 (MAIN STREET)=
115+05.82 EX. & R/W & CONST. C.R. 32 (BRIDGE STREET)
- Ⓝ 496+39.26 & R/W & CONST. S.R. 60 (MAIN STREET)=
13+49.26 PLATTED & R/W C.R. 32 (BRIDGE STREET)
- Ⓚ 496+06.43 & R/W & CONST. S.R. 60 (MAIN STREET)=
25+43.96 PROP. & CONST. C.R. 32 (BRIDGE STREET)
- Ⓛ 26+93.11 PROP. & CONST. C.R. 32 (BRIDGE STREET)=
11+20.00 & CONST. T.R. 1094

NOTE:
SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE
STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE
INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP
(WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE,
REQUIRE PRIOR APPROVAL FROM THE MUSKINGUM COUNTY ENGINEER'S OFFICE AND THE
OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS
ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE
RECORDED IN THE RECORDS OF MUSKINGUM COUNTY AND THE OHIO DEPARTMENT OF
TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS
AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1.1.

MONUMENT TABLE

			PROJECT COORDINATES (GROUND VALUES) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION	
CENTERLINE	STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	DESCRIPTION
PROP. & R/W & CONST. C.R. 32 (BRIDGE STREET)	21+33.10	℄	681693.6898	2134674.2187	1	P.C.
	22+81.82	℄	681839.4241	2134700.9728	1	P.R.C.
	24+34.45	℄	681988.8542	2134729.0091	1	P.T.
	25+91.33	℄	682136.8514	2134781.0441	1	P.C.
	27+34.23	℄	682257.3859	2134855.7116	1	P.R.C.
PROP. & CONST. WATER STREET	28+97.59	℄	682400.9195	2134928.3722	1	P.T.
	10+50.17	℄	681812.7414	2134549.8527	1	P.C.
	11+40.85	℄	681800.3948	2134638.8996	1	P.R.C.
	11+81.93	℄	681799.8295	2134679.9020	1	P.T.
	12+00.00	℄	681797.7288	2134697.8540	1	= P.O.C. 22+40.00 PROP. C.R. 32 (BRIDGE STREET)
SUB-TOTAL (THIS SHEET)					10	
SUB-TOTAL (OTHER SHEET)					1	
TOTAL CARRIED TO GENERAL SUMMARY					11	



0 50 100
HORIZONTAL
SCALE IN FEET

PID NO.
97346

R/W DESIGNER
NLC
R/W REVIEWER
TDM

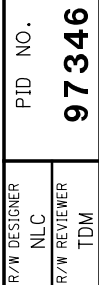
CENTERLINE PLAT
2 OF 2

MUS-CR32-0.00

3 / 14

135
146

50
25
100
HORIZONTAL
SCALE IN FEET



MUS-CR32-0.00

4 / 14
136 146

MUSKINGUM COUNTY
WAYNE TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF DUNCAN FALLS

⑤
JENNIFER J. YERIAN
73-90-01-36-000

⑥
MATTHEWS & SCHILLING
COMMERCIAL, LLC,
AN OHIO LIMITED
LIABILITY COMPANY
73-90-01-32-000

⑦
ANTHONY &
JENNIFER YERIAN
73-90-03-20-001

⑧
CHAD E. HUFFMAN &
TRICIA R. HUFFMAN

⑨
PETER ENTERPRISES, LLC,
AN OHIO LIMITED
LIABILITY COMPANY
73-90-02-13-000

⑩
LU ANNE HATFIELD
& LORALEI DUNN
73-90-02-12-000

⑪
TOWNSHIP OF WAYNE,
MUSKINGUM COUNTY, OHIO
73-90-01-18-000

③
OHIO POWER COMPANY
73-90-01-40-000

EX. C R/W & CONST.
C.R. 32 (BRIDGE STREET)

③
OHIO POWER COMPANY
73-90-01-40-000

Sewer Easement
D.V. 529, Pg. 131

Sewer Easement
D.V. 592, Pg. 40 &
D.V. 586, Pg. 175

C R/W EAST WATER STREET

PT Sta. 13+52.10
 $\Delta = 03^{\circ}35'49''$ LT.

S 58° 17' 08" E
625.22'

C R/W WEST
WATER STREET

PROP. C CONST.
WEST WATER STREET

LOT 12 - SQUARE 1

JODY L. VARNER
73-90-01-30-000

BERNARD R. SIZEMORE &
ELLEN K. SIZEMORE
73-90-01-31-000

5-X
MUS-60-(8.11,13.08)
D.B. 2504, Pg. 881

4-X
MUS-60-(8.11,13.08)

BUCKINGHAM'S 1ST
ADDITION
D.B. 14, PG. 441
PT. LOT 7

C R/W & CONST.
S.R. 60 (MAIN STREET)

PT. LOT 7
& LOT 8

PLATTED C R/W
C.R. 32 (BRIDGE STREET)

END PROJECT
STA. 27+95.00

END ACQUISITION
STA. 28+71.03

PROP. C R/W & CONST.
C.R. 32 (BRIDGE STREET)

END WORK
STA. 28+00.00



0 50 100
HORIZONTAL
SCALE IN FEET

PID NO.
97346

R/W DESIGNER
NLC
R/W REVIEWER
TDM

PROPERTY MAP
2 OF 2

MUS-CR32-0.00

5 / 14

137
146

REV. BY	DATE	DESCRIPTION
NLC	2/20/17	UPDATED TAKES ON PARCEL 9
NLC	2/6/17	UPDATED STATIONING ON S.R. 60
DATE COMPLETED: 01/16/2017		

9 OWNERSHIPS
15 PARCELS

① = AS SURVEYED AREA

ALL RIGHT OF WAY ACQUIRED IN THE NAME OF
THE MUSKINGUM COUNTY COMMISSIONERS
UNLESS OTHERWISE SHOWN.

6 / 14 138 146	MUS - CR32 - 0.00 SUMMARY OF ADDITIONAL RIGHT OF WAY	R/W DESIGNER	STATE JOB NO.	PID NO.	FEDERAL PROJECT NO.
		NLC	458066	97346	E140(164)
		R/W REVIEWER			
		TDM			

UNDER NO CIRCUMSTANCES ARE TEMPORARY
EASEMENTS TO BE USED FOR STORAGE OF
MATERIAL OR EQUIPMENT BY THE CONTRACTOR
UNLESS NOTED OTHERWISE.

* DENOTES ENCROACHMENT

NLC	2/20/17	REMOVED 9-T, ADDED 9-T1 & 9-T2
REV. BY	DATE	DESCRIPTION
FIELD REVIEW BY: NLC		DATE: 01/13/2017
OWNERSHIP VERIFIED BY: NLC		DATE: 01/12/2017
DATE COMPLETED: 01/16/2017		



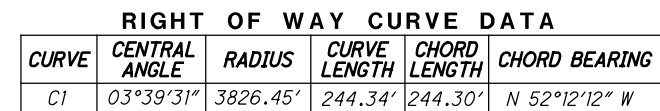
3/1/2017
1:03:20 PM
D:\2015\2015069\MUS\97346\ROW SHEETS\97346RT001.DGN

20
10
40
HORIZONTAL
SCALE IN FEET

R/W DESIGNER	NLC
R/W REVIEWER	TDM

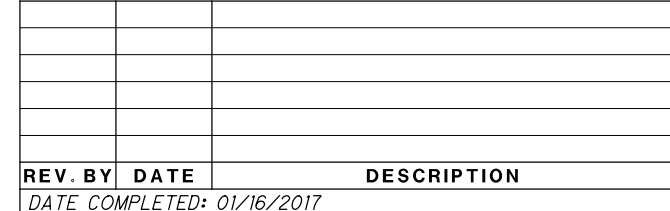
MUS - CR32 - 0.00

8 / 14
140 146

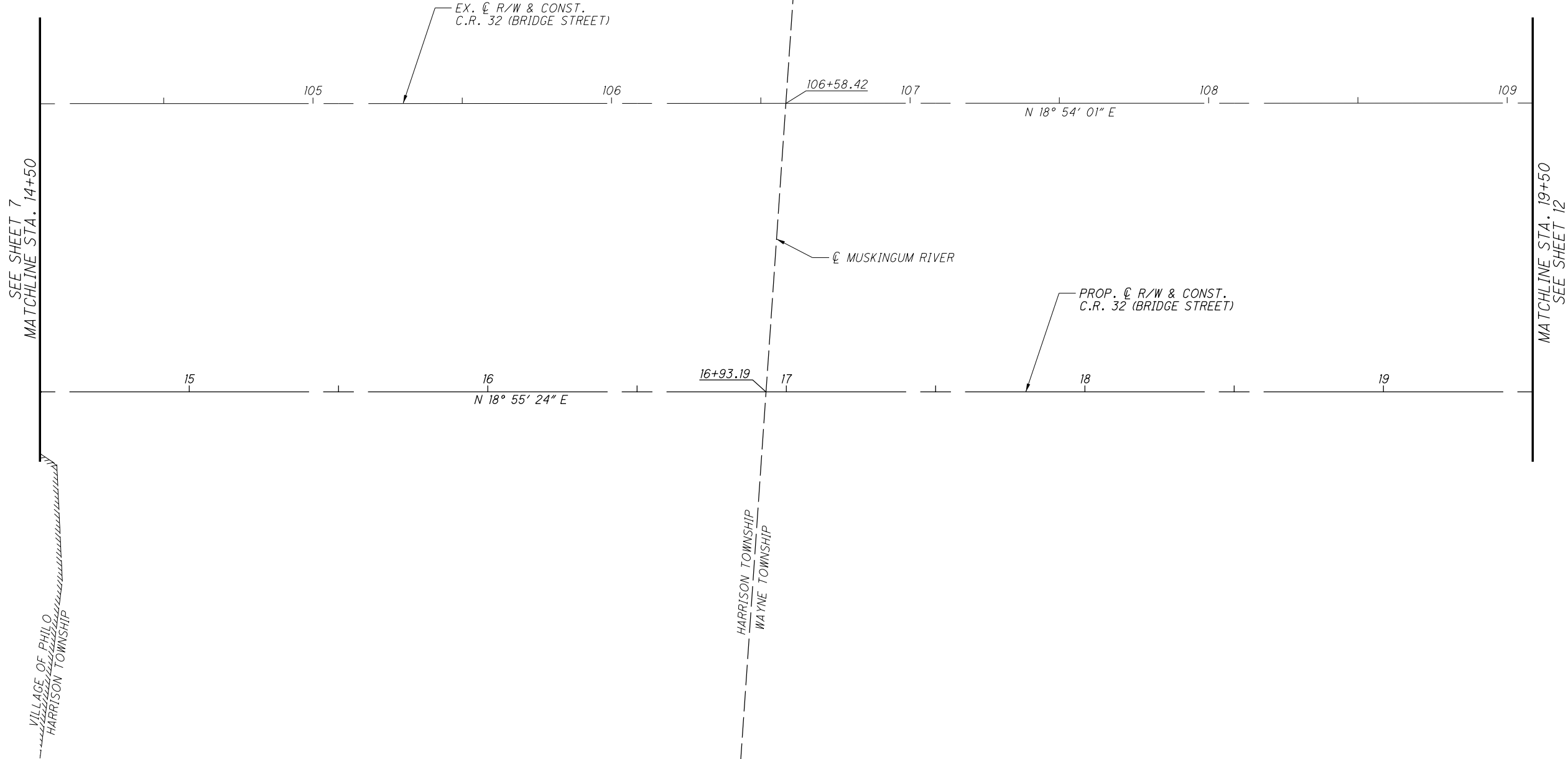


REV. BY	DATE	DESCRIPTION
DATE COMPLETED: 01/16/2017		

00:\2015\2015069\MJS\97346\ROW\SHEETS\97346RT002.DGN



3/1/2017
11:03:24 PM
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01_2015\20150609\MUS\97346\ROW SHEETS\97346R002.DGN



REV. BY	DATE	DESCRIPTION
DATE COMPLETED: 01/16/2017		

MUSKINGUM COUNTY
HARRISON TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
WAYNE TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF PHILO



HORIZONTAL
SCALE IN FEET

R/W DESIGNER	PTD NO.
NLC	97346
R/W REVIEWER	
TDM	

RIGHT OF WAY BOUNDARY SHEET
STA. 14+50 TO STA. 19+50

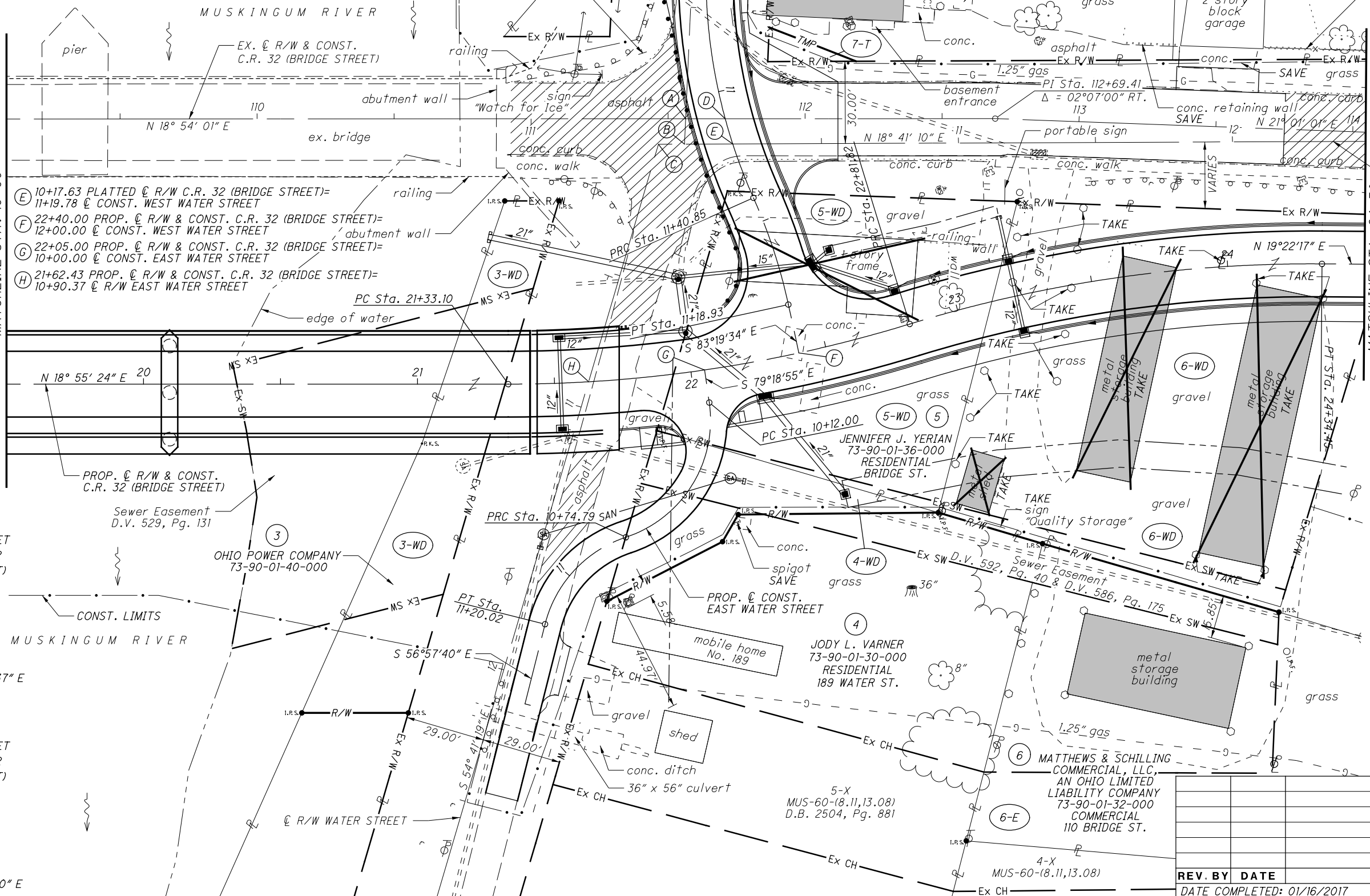
MUS-CR32-0.00

10 / 14

142
146

MUSKINGUM COUNTY
WAYNE TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF DUNCAN FALLS

- (A) 111+56.42 EX. $\frac{1}{2}$ R/W & CONST. C.R. 32 (BRIDGE STREET)=
9+90.71 $\frac{1}{2}$ R/W WEST WATER STREET
(B) 10+00.00 $\frac{1}{2}$ R/W WEST WATER STREET=
10+00.00 PLATTED $\frac{1}{2}$ R/W C.R. 32 (BRIDGE STREET)
(C) 10+00.00 $\frac{1}{2}$ R/W EAST WATER STREET=
9+90.50 PLATTED $\frac{1}{2}$ R/W C.R. 32 (BRIDGE STREET)
(D) 111+70.88 EX. $\frac{1}{2}$ R/W & CONST. C.R. 32 (BRIDGE STREET)=
11+10.17 $\frac{1}{2}$ CONST. WEST WATER STREET



PROP. $\frac{1}{2}$ CONST.
EAST WATER STREET
P.I. Sta. 10+49.72
 $\Delta = 79^\circ 56' 35''$ (RT)
 $Dc = 127^\circ 19' 26''$
 $R = 45.00'$
 $T = 37.72'$
 $L = 62.79'$
 $E = 13.72'$
 $C = 57.82'$
C.B. = $S 39^\circ 20' 37''$ E

PROP. $\frac{1}{2}$ CONST.
EAST WATER STREET
P.I. Sta. 10+99.52
 $\Delta = 57^\circ 35' 20''$ (LT)
 $Dc = 127^\circ 19' 26''$
 $R = 45.00'$
 $T = 24.73'$
 $L = 45.23'$
 $E = 6.35'$
 $C = 43.35'$
C.B. = $S 28^\circ 10' 00''$ E

PROP. $\frac{1}{2}$ CONST.
WEST WATER STREET
P.I. Sta. 10+96.30
 $\Delta = 25^\circ 58' 34''$ (LT)
 $Dc = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 46.13'$
 $L = 90.67'$
 $E = 5.25'$
 $C = 89.90'$
C.B. = $S 82^\circ 06' 22''$ E

PROP. $\frac{1}{2}$ CONST.
WEST WATER STREET
P.I. Sta. 11+61.46
 $\Delta = 11^\circ 46' 05''$ (RT)
 $Dc = 28^\circ 38' 52''$
 $R = 200.00'$
 $T = 20.61'$
 $L = 41.08'$
 $E = 1.06'$
 $C = 41.01'$
C.B. = $S 89^\circ 12' 36''$ E

PROP. $\frac{1}{2}$ R/W & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 22+08.02
 $\Delta = 17^\circ 02' 32''$ (LT)
 $Dc = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 74.91'$
 $L = 148.72'$
 $E = 5.58'$
 $C = 148.17'$
C.B. = $N 10^\circ 24' 09''$ E

PROP. $\frac{1}{2}$ R/W & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 23+58.74
 $\Delta = 17^\circ 29' 24''$ (RT)
 $Dc = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 76.91'$
 $L = 152.63'$
 $E = 5.88'$
 $C = 152.04'$
C.B. = $N 10^\circ 37' 35''$ E

(A) 111+56.42 EX. @ R/W & CONST. C.R. 32 (BRIDGE STREET)=
9+90.71 @ R/W WEST WATER STREET

(B) 10+00.00 @ R/W WEST WATER STREET=
10+00.00 PLATTED @ R/W C.R. 32 (BRIDGE STREET)

(C) 10+00.00 @ R/W EAST WATER STREET=
9+90.50 PLATTED @ R/W C.R. 32 (BRIDGE STREET)

(D) 111+70.88 EX. @ R/W & CONST. C.R. 32 (BRIDGE STREET)=
11+10.17 @ CONST. WEST WATER STREET

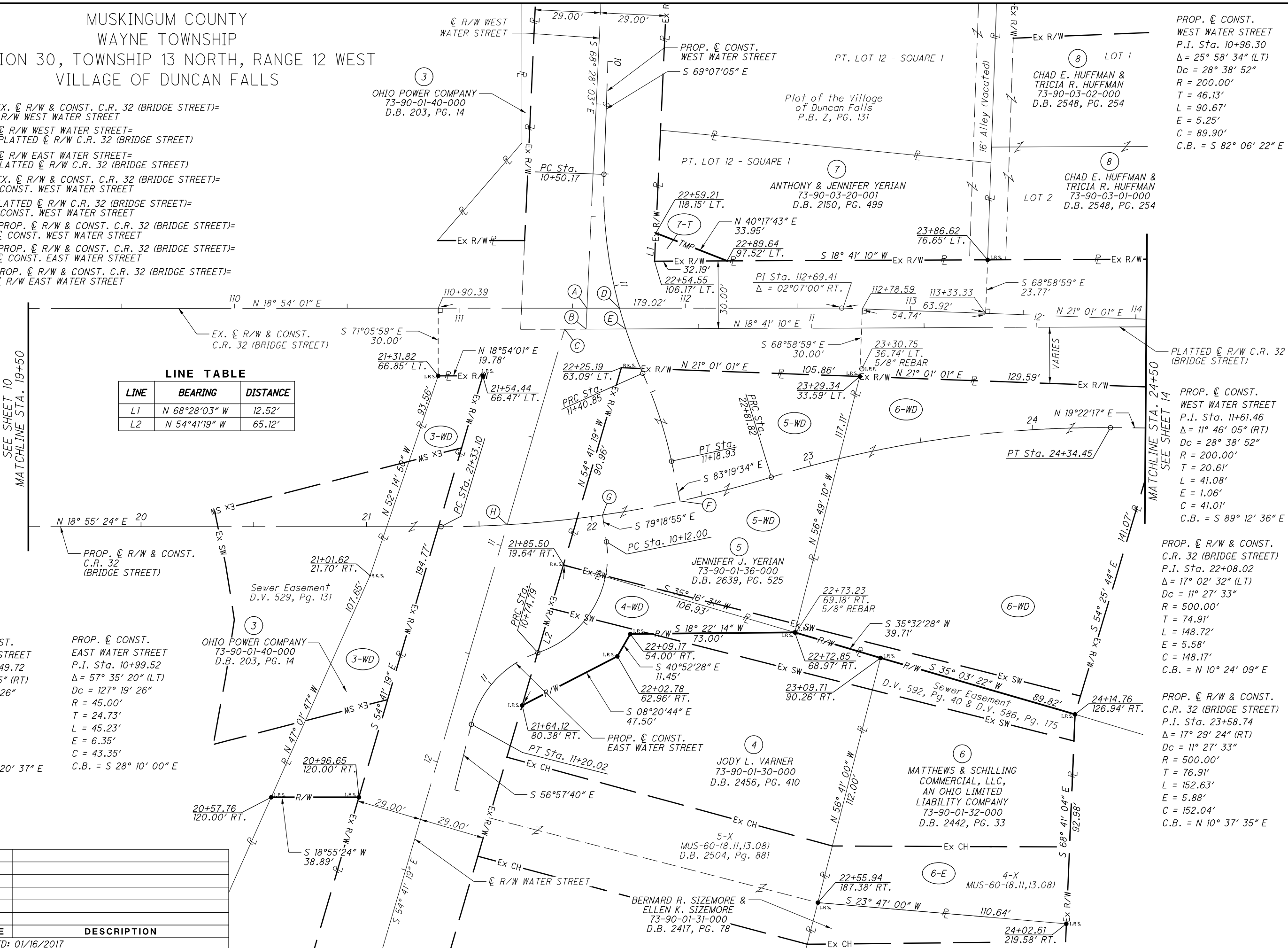
(E) 10+17.63 PLATTED @ R/W C.R. 32 (BRIDGE STREET)=
11+19.78 @ CONST. WEST WATER STREET

(F) 22+40.00 PROP. @ R/W & CONST. C.R. 32 (BRIDGE STREET)=
12+00.00 @ CONST. WEST WATER STREET

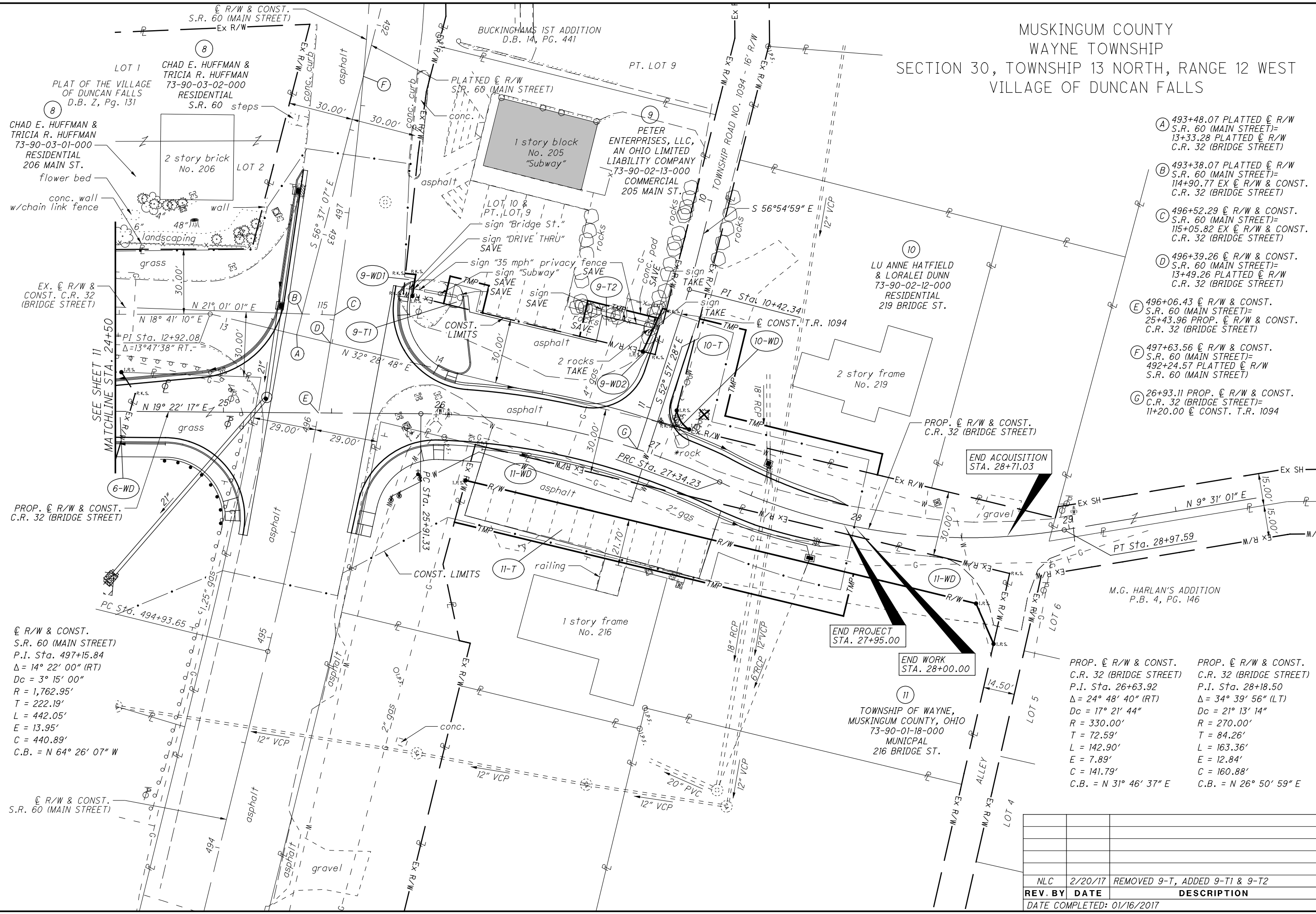
(G) 22+05.00 PROP. @ R/W & CONST. C.R. 32 (BRIDGE STREET)=
10+00.00 @ CONST. EAST WATER STREET

(H) 21+62.43 PROP. @ R/W & CONST. C.R. 32 (BRIDGE STREET)=
10+90.37 @ R/W EAST WATER STREET

LINE	BEARING	DISTANCE
L1	N 68°28'03" W	12.52'
L2	N 54°41'19" W	65.12'

[illegible]

3/1/2017
11:03:28 PM
0001CADD
01/2015/20150609/MUS/97346 ROW SHEETS 97346R004.DGN



© R/W & CONST.
S.R. 60 (MAIN STREET)
P.I. Sta. 497+15.84
 $\Delta = 14^\circ 22' 00''$ (RT)
 $Dc = 3^\circ 15' 00''$
 $R = 1,762.95'$
 $T = 222.19'$
 $L = 442.05'$
 $E = 13.95'$
 $C = 440.89'$
C.B. = N 64° 26' 07" W

© R/W & CONST.
S.R. 60 (MAIN STREET)

MUSKINGUM COUNTY
WAYNE TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF DUNCAN FALLS

- (A) 493+48.07 PLATTED © R/W
S.R. 60 (MAIN STREET)=
13+33.28 PLATTED © R/W
C.R. 32 (BRIDGE STREET)
- (B) 493+38.07 PLATTED © R/W
S.R. 60 (MAIN STREET)=
114+90.77 EX © R/W & CONST.
C.R. 32 (BRIDGE STREET)
- (C) 496+52.29 © R/W & CONST.
S.R. 60 (MAIN STREET)=
115+05.82 EX © R/W & CONST.
C.R. 32 (BRIDGE STREET)
- (D) 496+39.26 © R/W & CONST.
S.R. 60 (MAIN STREET)=
13+49.26 PLATTED © R/W
C.R. 32 (BRIDGE STREET)
- (E) 496+06.43 © R/W & CONST.
S.R. 60 (MAIN STREET)=
25+43.96 PROP. © R/W & CONST.
C.R. 32 (BRIDGE STREET)
- (F) 497+63.56 © R/W & CONST.
S.R. 60 (MAIN STREET)=
492+24.57 PLATTED © R/W
S.R. 60 (MAIN STREET)
- (G) 26+93.11 PROP. © R/W & CONST.
C.R. 32 (BRIDGE STREET)=
11+20.00 © CONST. T.R. 1094

PROP. © R/W & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 26+63.92
 $\Delta = 24^\circ 48' 40''$ (RT)
 $Dc = 17^\circ 21' 44''$
 $R = 330.00'$
 $T = 72.59'$
 $L = 142.90'$
 $E = 7.89'$
 $C = 141.79'$
C.B. = N 31° 46' 37" E

PROP. © R/W & CONST.
C.R. 32 (BRIDGE STREET)
P.I. Sta. 28+18.50
 $\Delta = 34^\circ 39' 56''$ (LT)
 $Dc = 21^\circ 13' 14''$
 $R = 270.00'$
 $T = 84.26'$
 $L = 163.36'$
 $E = 12.84'$
 $C = 160.88'$
C.B. = N 26° 50' 59" E

NLC	2/20/17	REMOVED 9-T, ADDED 9-T1 & 9-T2
REV. BY	DATE	DESCRIPTION
DATE COMPLETED: 01/16/2017		

RIGHT OF WAY TOPOGRAPHY SHEET

MUS-CR32-0.00

PID NO.

97346

R/W DESIGNER

NLC

R/W REVIEWER

TDM

13

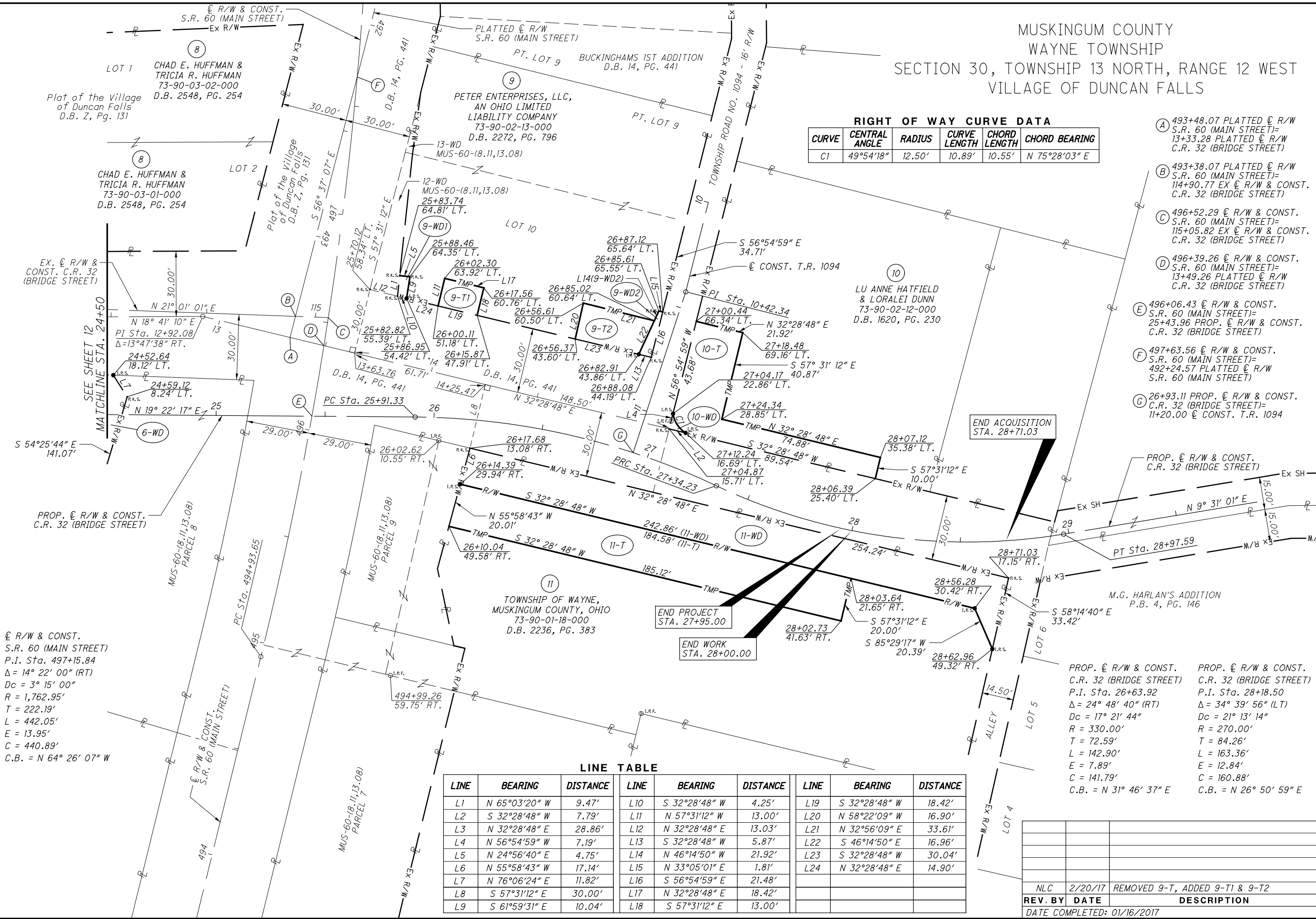
14

145

146

3/1/2017
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01/2015/201506/91 MUS-97346 ROW SHEETS 97346R004.DGN

℄ R/W & CONST.
S.R. 60 (MAIN STREET)
P.I. Sta. 497+15.84
Δ = 14° 22' 00" (RT)
Dc = 3° 15' 00"
R = 1,762.95'
T = 222.19'
L = 442.05'
E = 13.95'
C = 440.89'
C.B. = N 64° 26' 07" W



MONUMENT LEGEND

- EXISTING R/W MONUMENT BOX
- PROPOSED R/W MONUMENT BOX
- EXISTING CONCRETE MONUMENT
- PROPOSED CONCRETE MONUMENT
- RAILROAD SPIKE FOUND
- RAILROAD SPIKE SET
- 5/8" REBAR FOUND
- 5/8" REBAR FOUND W/ID CAP
- 5/8" REBAR SET W/CAP STAMPED "GPD"
- IRON PIPE FOUND
- P.K. NAIL FOUND
- P.K. NAIL SET

MUS-CR32-0.00

MUSKINGUM COUNTY
HARRISON TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
WAYNE TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF PHILO

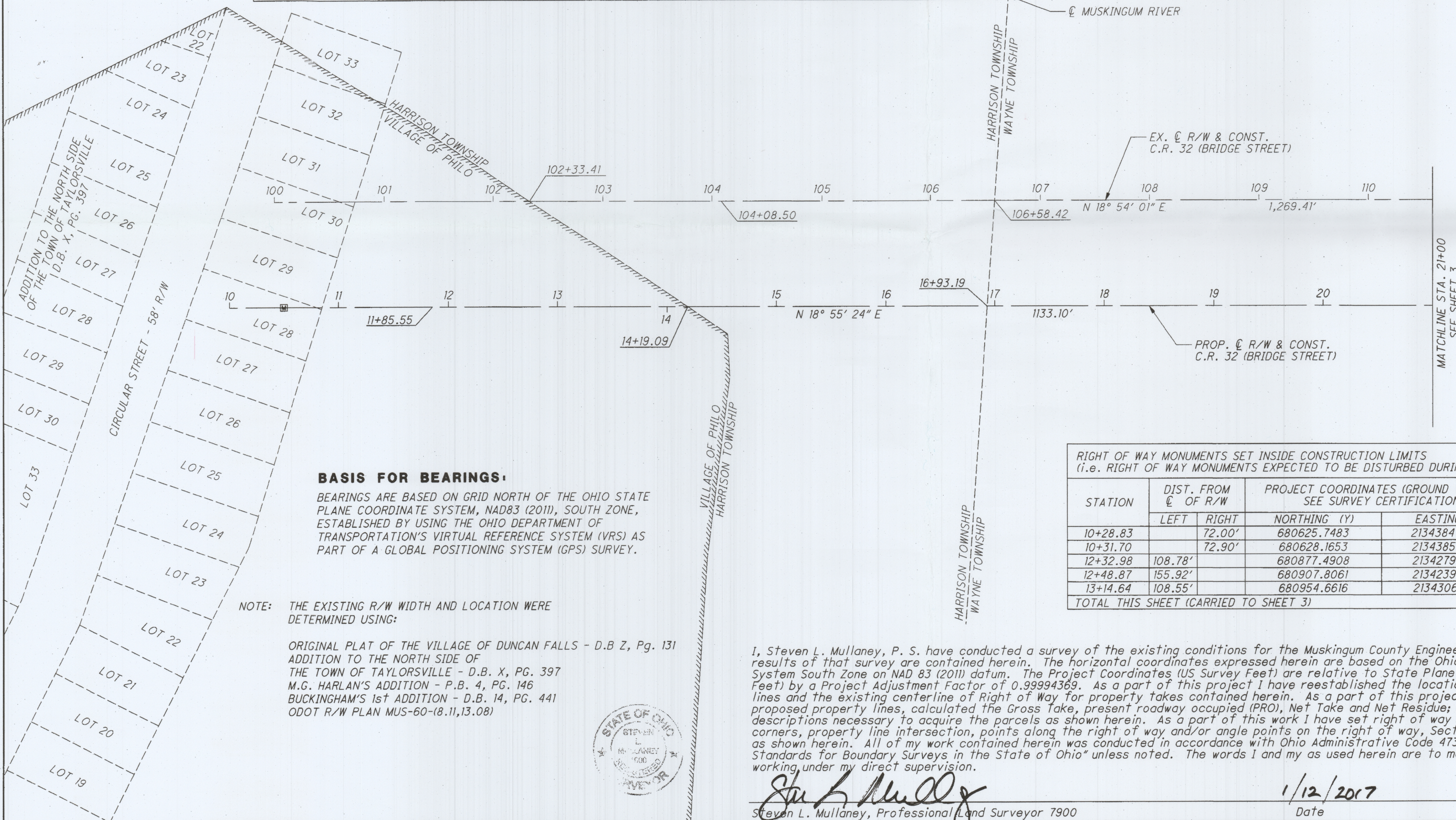
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Kind: PLATS
Recorded: 01/18/2017 at 11:02:50 AM
Fee Amt: \$145.80 Page 1 of 2
Instr# 201700000475
Muskingum County
CINDY RODGERS County Recorder
20 103-104

RECEIVED _____, 20____
RECORDED _____, 20____
BOOK _____ PAGE _____
MUSKINGUM COUNTY RECORDER

TRANSFER
NOT NECESSARY
JAN 18 2017
Cindy Rodgers

MONUMENT TABLE

PROP. & CONST. C.R. 32 (BRIDGE STREET)		PROJECT COORDINATES (GROUND VALUES) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION	
STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	DESCRIPTION
10+50.00	0	680669.1219	2134322.9634	1	P.O.T.
SUB-TOTAL (THIS SHEET)				1	



BASIS FOR BEARINGS:

BEARINGS ARE BASED ON GRID NORTH OF THE OHIO STATE PLANE COORDINATE SYSTEM, NAD83 (2011), SOUTH ZONE, ESTABLISHED BY USING THE OHIO DEPARTMENT OF TRANSPORTATION'S VIRTUAL REFERENCE SYSTEM (VRS) AS PART OF A GLOBAL POSITIONING SYSTEM (GPS) SURVEY.

NOTE: THE EXISTING R/W WIDTH AND LOCATION WERE DETERMINED USING:

ORIGINAL PLAT OF THE VILLAGE OF DUNCAN FALLS - D.B. Z, Pg. 131
ADDITION TO THE NORTH SIDE OF THE TOWN OF TAYLORSVILLE - D.B. X, PG. 397
M.G. HARLAN'S ADDITION - P.B. 4, PG. 146
BUCKINGHAM'S 1st ADDITION - D.B. 14, PG. 441
ODOT R/W PLAN MUS-60-(8.11,13.08)

RIGHT OF WAY MONUMENTS SET INSIDE CONSTRUCTION LIMITS (i.e. RIGHT OF WAY MONUMENTS EXPECTED TO BE DISTURBED DURING CONSTRUCTION)

STATION	DIST. FROM C. OF R/W		PROJECT COORDINATES (GROUND VALUES) SEE SURVEY CERTIFICATION		R/W MONUMENTS
	LEFT	RIGHT	NORTHING (Y)	EASTING (X)	
10+28.83		72.00'	680625.7483	2134384.2057	1
10+31.70		72.90'	680628.1653	2134385.9906	1
12+32.98	108.78'		680877.4908	2134279.4032	1
12+48.87	155.92'		680907.8061	2134239.9689	1
13+14.64	108.55'		680954.6616	2134306.1039	1
TOTAL THIS SHEET (CARRIED TO SHEET 3)					5

I, Steven L. Mullaney, P. S. have conducted a survey of the existing conditions for the Muskingum County Engineer's Office in August, 2015. The results of that survey are contained herein. The horizontal coordinates expressed herein are based on the Ohio State Plane Coordinates System South Zone on NAD 83 (2011) datum. The Project Coordinates (US Survey Feet) are relative to State Plane Grid Coordinates (US Survey Feet) by a Project Adjustment Factor of 0.99994369. As a part of this project I have reestablished the locations of the existing property lines and the existing centerline of Right of Way for property takes contained herein. As a part of this project I have established the proposed property lines, calculated the Gross Take, present roadway occupied (PRO), Net Take and Net Residue; as well as prepared the legal descriptions necessary to acquire the parcels as shown herein. As a part of this work I have set right of way monuments at the property corners, property line intersection, points along the right of way and/or angle points on the right of way, Section Corners and other points as shown herein. All of my work contained herein was conducted in accordance with Ohio Administrative Code 4733-37 commonly known as "Minimum Standards for Boundary Surveys in the State of Ohio" unless noted. The words I and my as used herein are to mean either myself or someone working under my direct supervision.

Steven L. Mullaney, Professional Land Surveyor 7900

1/12/2017
Date

0 50 100
25
HORIZONTAL SCALE IN FEET

PID NO. 97346

R/W DESIGNER NLC
R/W REVIEWER TDM

CENTERLINE PLAT 1 OF 2

MUS-CR32-0.00

2 / 14

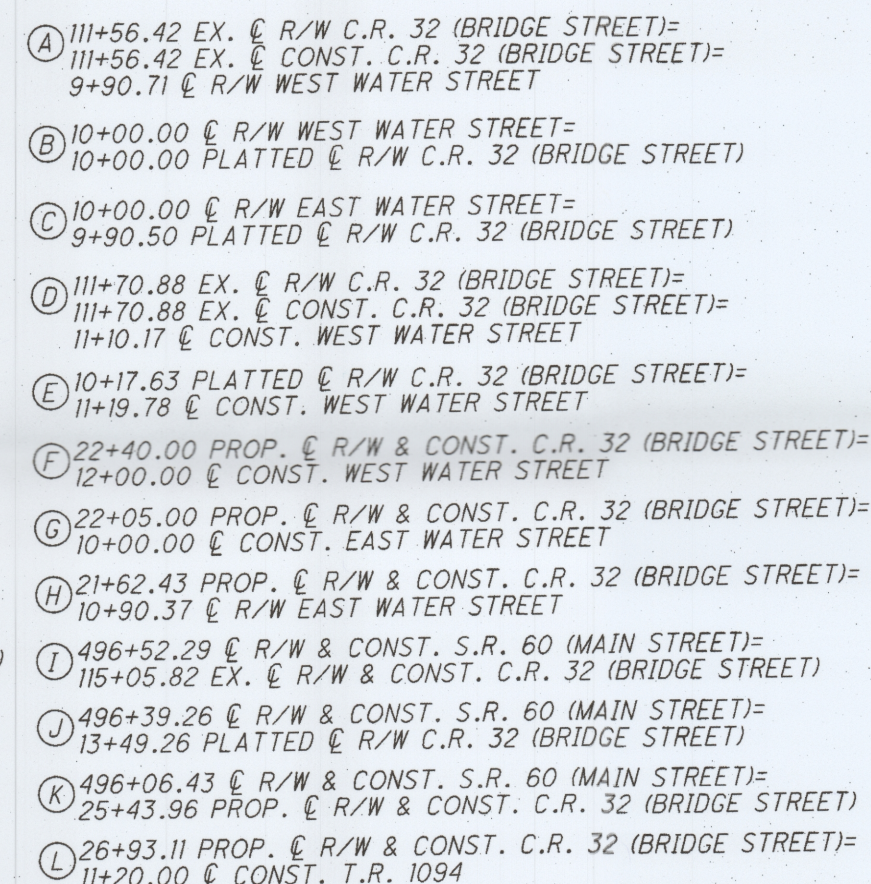
58° 17' 08.51E
625.22'

@ R/W & CONST.
 S.R. 60 (MAIN STREET)
 P.I. Sta. 497+15.84
 $\Delta = 14^{\circ} 22' 00''$ (RT)
 $DC = 3^{\circ} 15' 00''$
 $R = 1,762.95'$
 $T = 222.19'$
 $L = 442.05'$
 $E = 13.95'$
 $C = 440.89'$
 $C.B. = N 64^{\circ} 26' 07'' W$

18.07'
12.00'
1133.10'

MUSKINGUM COUNTY
WAYNE TOWNSHIP
SECTION 30, TOWNSHIP 13 NORTH, RANGE 12 WEST
VILLAGE OF DUNCAN FALLS

STATION	DIST. FROM C OF R/W		STATE PLANE GRID COORDINATES		R/W MONUMENTS
	LEFT	RIGHT	NORTHING (Y)	EASTING (X)	
21+31.82	66.85'		681714.1533	2134610.5628	1
21+54.44	66.47'		681732.8668	2134616.9700	1
21+85.50		19.64'	681739.6558	2134707.7282	1
22+25.19	63.09'		681792.2342	2134633.0494	1
23+29.34	33.59'		681891.0494	2134671.4658	1
24+52.64	18.12'		682012.0185	2134717.9427	1
24+59.12	8.24'		682014.8563	2134729.4155	1
25+82.82	55.39'		682147.1884	2134725.9691	1
25+92.39	53.12'		682155.6242	2134731.3391	1
26+14.39	29.94'		682146.4401	2134816.9256	1
26+17.68		13.08'	682156.0284	2134802.7219	1
27+04.87	15.71'		682245.3512	2134824.0202	1
TOTAL THIS SHEET					12
TOTAL FROM SHEET 2					5
TOTAL CARRIED TO GENERAL SUMMARY					17



NOTE: SETTING OF ALL MONUMENTS SHALL BE PERFORMED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO. THE MONUMENT ASSEMBLIES AND REFERENCE MONUMENTS WILL BE INSTALLED BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION. THE IRON PIN AND CAP (WHEN REQUIRED) ARE TO BE INSTALLED BY THE CONTRACTOR'S SURVEYOR.

CHANGES OR ALTERATIONS TO THE LOCATION OF ANY MONUMENTS SHOWN IN THIS TABLE, REQUIRE PRIOR APPROVAL FROM THE MUSKINGUM COUNTY ENGINEER'S OFFICE AND THE OHIO DEPARTMENT OF TRANSPORTATION. IN THE EVENT THAT CHANGES OR ALTERATIONS ARE APPROVED, A REVISED CENTERLINE PLAT WITH THE NEW LOCATIONS SHALL BE RECORDED IN THE RECORDS OF MUSKINGUM COUNTY AND THE OHIO DEPARTMENT OF TRANSPORTATION. SPECIFICATIONS FOR MONUMENT ASSEMBLIES, REFERENCE MONUMENTS AND RIGHT OF WAY MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING RM-1-I.

MONUMENT TABLE						
			PROJECT COORDINATES (GROUND VALUES) SEE SURVEY CERTIFICATION		MONUMENTS TO BE SET DURING CONSTRUCTION	
CENTERLINE	STATION	OFFSET	NORTH (Y)	EAST (X)	MON. ASSY.	DESCRIPTION
PROP. & R/W & CONST. C.R. 32 (BRIDGE STREET)	21+33.10	℄	681693.6898	2134674.2187	1	P.C.
	22+81.02	℄	681839.4241	2134700.9728	1	P.R.C.
	24+34.45	℄	681988.8542	2134729.0091	1	P.T.
	25+91.33	℄	682136.8514	2134781.0441	1	P.C.
	27+34.23	℄	682257.3859	2134855.7116	1	P.R.C.
	28+97.59	℄	682400.9195	2134928.3722	1	P.T.
	10+50.17	℄	681812.7414	2134549.8527	1	P.C.
PROP. & CONST. WATER STREET	11+40.85	℄	681800.3948	2134638.8996	1	P.R.C.
	11+81.93	℄	681799.8295	2134679.9020	1	P.T.
	12+00.00	℄	681797.7288	2134697.8540	1	= P.O.C. 22+40.00 PROP. C.R. 32 (BRIDGE STREET)
	SUB-TOTAL (THIS SHEET)				10	
SUB-TOTAL (OTHER SHEET)				1		
TOTAL CARRIED TO GENERAL SUMMARY				11		

