

DOWNTOWN IMPROVEMENTS DOWNTOWN STREETScape PH. 1

VILLAGE OF WHITEHOUSE
LUCAS COUNTY, OHIO



LOCATION MAP



2016 SPECIFICATIONS

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

PROJECT EARTH DISTURBED AREA: 0.36 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.00 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: NA

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TITLE SHEET

VILLAGE OF WHITEHOUSE
DOWNTOWN STREETScape PH. 1

UNDERGROUND UTILITIES
CONTACT BOTH SERVICES TWO WORKING DAYS BEFORE YOU DIG.



Call Before You Dig
1-800-362-2764

(Non-members must be called directly)

OIL & GAS PRODUCERS
UNDERGROUND PROTECTION SERVICE
1-800-925-0988

PLAN PREPARED BY:

POGGEMEYER DESIGN GROUP, INC.



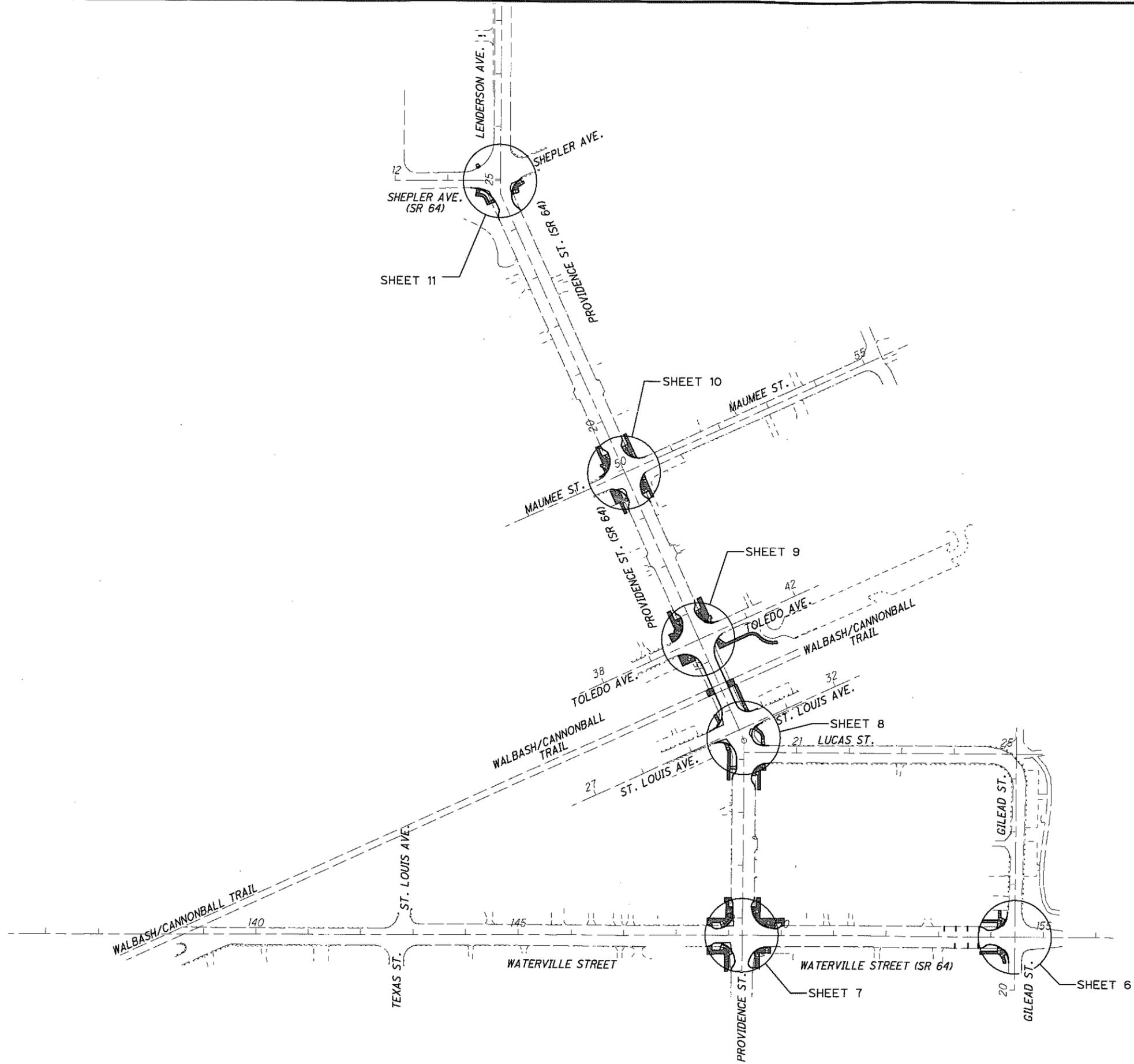
ARCHITECTS - ENGINEERS - PLANNERS
1168 NORTH MAIN STREET
BOWLING GREEN, OHIO 43402
PH. : (419) 352-7537

ENGINEERS SEAL:

SIGNED: *Jeffrey Yoder*
DATE: 10/4/16

STANDARD CONSTRUCTION DRAWINGS						LUCAS COUNTY STD. DWGS.	SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	7/18/14	TC-41.20	10/18/13	MT-97.10	7/18/14		SS800 7/15/16	
BP-5.1	7/19/13	TC-42.10	10/18/13	MT-101.90	7/17/15	CB-2 3-11-15		
BP-7.1	7/18/14			MT-110.10	7/19/13			
CB-1.1	1/15/16							
CB-2.2	1/15/16							
CB-2.3	1/15/16							
MH-1.2	1/15/16							
DM-1.1	1/15/16							
DM-4.1	1/15/16							

APPROVED _____
DATE _____ VILLAGE ADMINISTRATOR



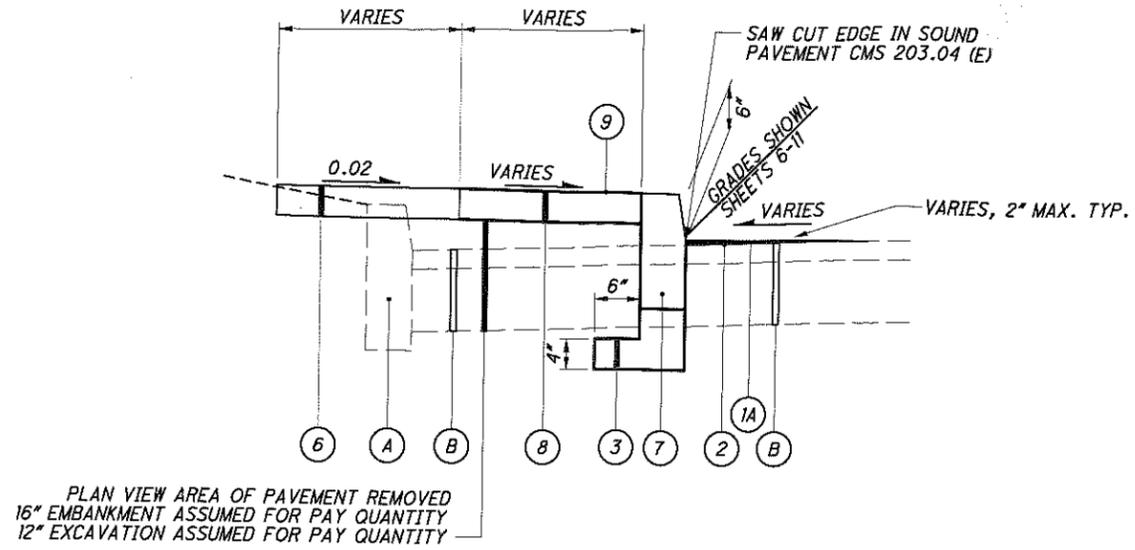
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SCHEMATIC PLAN

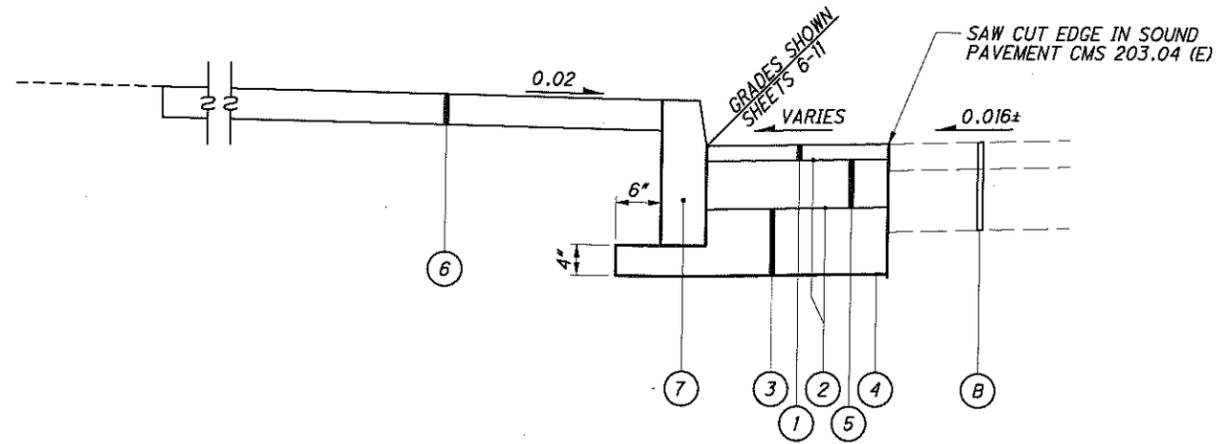
**VILLAGE OF WHITEHOUSE
DOWNTOWN STREETSCAPE PH. 1**

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PLAN VIEW AREA OF PAVEMENT REMOVED
16" EMBANKMENT ASSUMED FOR PAY QUANTITY
12" EXCAVATION ASSUMED FOR PAY QUANTITY

NORMAL SECTION - CURB (WITH WEDGE COURSE SHOWN)
APPLIES: PER PLAN



NORMAL SECTION - WIDENING
APPLIES: PER PLAN

LEGEND

- | | | |
|-------------------------------|---|--|
| (A) EXISTING CONCRETE CURB | (1A) ITEM 441 - 0" MIN. ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 | (5) ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22 |
| (B) EXISTING ASPHALT PAVEMENT | (1) ITEM 441 - 2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 | (6) ITEM 608 - 4" CONCRETE WALK |
| | (2) ITEM 407 - TACK COAT (0.06 GAL. / SQ. YD.) | (7) ITEM 609 - CURB, TYPE 6 |
| | (3) ITEM 304 - 8" AGGREGATE BASE | (8) ITEM 653 - TOPSOIL FURNISHED AND PLACED (4" THICK) |
| | (4) ITEM 204 - SUBGRADE COMPACTION | (9) ITEM 659 - SEEDING & MULCHING, AS PER PLAN |

GENERAL SUMMARY

SHEET NUMBER							ITEM	TOTAL	UNIT	DESCRIPTION
3 & 4	6	7	8	9	10	11				
										ROADWAY
							201	LS		CLEARING AND GRUBBING
170	40	166	262	161	113	58	202	970	SY	PAVEMENT REMOVED
	538	2798	1008	938	1026	330	202	6638	SF	WALK REMOVED
	150	327	413	180	205	161	202	1436	FT	CURB REMOVED
			39	80	55		202	174	FT	CURB AND GUTTER REMOVED
	53	25			36		202	114	FT	PIPE REMOVED, 24" AND UNDER
	1	1			2		202	4	EACH	CATCH BASIN REMOVED
	14	56	88	54	38	20	203	270	CY	EXCAVATION
	18	74	117	72	50	26	203	357	CY	EMBANKMENT
	28	46	71	44	44	34	204	267	SY	SUBGRADE COMPACTION
	540	2776	934	2260	1619	298	608	8427	SF	4" CONCRETE WALK
			336				608	336	SF	6" CONCRETE WALK
	327	679	591	509	651	349	608	3106	SF	CURB RAMP
			50				608	50	SF	DETECTABLE WARNING
		4	3	1	1	2	638	11	EACH	VALVE BOX ADJUSTED TO GRADE
		3	4	2	4	1	625	14	EACH	PULL BOX ADJUSTED TO GRADE
										EROSION CONTROL
	13	16	32	20	13	14	653	108	CY	TOPSOIL FURNISHED AND PLACED
							659	LS		SEEDING AND MULCHING, AS PER PLAN
200							832	200	FT	INLET PROTECTION
										DRAINAGE
		9					611	9	FT	6" CONDUIT, TYPE B
	10	16			15		611	41	FT	8" CONDUIT, TYPE B
	27				79		611	106	FT	12" CONDUIT, TYPE B
	2				2		611	4	EACH	LUCAS COUNTY TYPE A-2 CB
	1						611	1	EACH	CATCH BASIN NO. 2-2B
		1			1		611	2	EACH	CATCH BASIN, NO. 6
					1		611	1	EACH	MANHOLE, NO. 3
		2					611	2	EACH	MANHOLE ADJUSTED TO GRADE
	1						611	1	EACH	CATCH BASIN RECONSTRUCTED WITH MANHOLE TOP
										PAVEMENT
30	4	5	4	4	4	4	301	55	CY	ASPHALT CONCRETE BASE, PG64-22
40	4	5	7	4	6	5	304	71	CY	AGGREGATE BASE
20	2	4	4	4	4	4	407	42	GAL	TACK COAT
10	1	2	2	2	2	2	441	21	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22
	0	2	2	1	1	1	441	7	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, 0" MINIMUM
	112	273	421	239	223	151	609	1419	FT	CURB, TYPE 6
										TRAFFIC CONTROL
		13					630	13	FT	GROUND MOUNTED SUPPORT, NO. 2 POST
		26					630	26	FT	GROUND MOUNTED SUPPORT, NO. 3 POST
		11					630	11	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION
		3					630	3	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL
										GENERAL
							614	LS		MAINTAINING TRAFFIC
							623	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING
							624	LS		MOBILIZATION

ITEM 659, SEEDING AND MULCHING, AS PER PLAN. ALL REFERENCES TO SEEDING AND MULCHING SHALL BE CONSIDERED REFERENCES TO HYDRO-SEEDING AND HYDRO-MULCHING. A 10-20-10 NPK FERTILIZER SHALL BE APPLIED IN GRANULAR FORM PRIOR TO HYDRO-SEEDING OR ADDED TO THE HYDRO-SEED MIXTURE. TWO POUNDS OF NITROGEN PER 1,000 SQUARE FEET IS SUGGESTED. HAY OR STRAW SHALL NOT BE USED AS ANY FORM OF MULCH.

THE HYDRO-SEED MIXTURE SHALL BE IN ACCORDANCE WITH THE CLASS 1 MIX IN 659 WITH A WOOD FIBER MULCH. THREE-QUARTERS OF THE SEED SHALL BE BROADCAST ON THE PREPARED SOIL PRIOR TO THE PLACING OF ANY MULCH.

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED/DISTURBED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR EASEMENT. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS, REQUIRED TO PERFORM THIS WORK SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 659, SEEDING AND MULCHING, AS PER PLAN.

CONSTRUCTION NOISE ACTIVITIES AND LAND USE ADJACENT TO THIS PROJECT MAY BE AFFECTED BY CONSTRUCTION NOISE. IN ORDER TO MINIMIZE ANY ADVERSE CONSTRUCTION NOISE IMPACTS, DO NOT OPERATE POWER-OPERATED CONSTRUCTION-TYPE DEVICES BETWEEN THE HOURS OF 8 PM AND 7 AM. IN ADDITION, DO NOT OPERATE AT ANY TIME ANY DEVICE IN SUCH A MANNER THAT THE NOISE CREATED SUBSTANTIALLY EXCEEDS THE NOISE CUSTOMARILY AND NECESSARILY ATTENDANT TO THE REASONABLE AND EFFICIENT PERFORMANCE OF SUCH EQUIPMENT.

PAVEMENT REMOVAL AND REPLACEMENT THE FOLLOWING CONTINGENCY QUANTITIES HAVE BEEN PROVIDED TO ADDRESS ADDITIONAL PAVEMENT REMOVAL AND REPLACEMENT TO BE USED AS DIRECTED BY THE ENGINEER:

- ITEM 202, PAVEMENT REMOVED = 170 SY
- ITEM 301, ASPHALT CONCRETE BASE, PG64-22 = 30 CY
- ITEM 304, AGGREGATE = 40 CY
- ITEM 407, TACK COAT = 20 GAL.
- ITEM 441, ASPH. CONC. SURFACE COURSE, TYPE 1, (448), PG64-22 = 10 CY

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GENERAL NOTES

VILLAGE OF WHITEHOUSE
DOWNTOWN STREETSCAPE PH. 1

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

WATER, STORM SEWER AND SANITARY SEWER	Village of Whitehouse 6925 Providence Street P.O. Box 2476 Whitehouse, Ohio 43571 (419) 877-5383
TELEPHONE	AT&T 130 North Erie Street, Room 714 Toledo, Ohio 43624 (419) 245-7304
ELECTRIC	Toledo Edison 300 Madison Avenue Mailstop 1800 Toledo, Ohio 43652 (419) 249-5815
GAS	Ohio Gas Company 13630 Airport Highway Swanton, Ohio 43558 (419) 826-5080
CABLE TELEVISION	Time Warner Cable 310 Jefferson Avenue Defiance, Ohio 43512 (419) 784-1992

IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUPPORT AND PROTECT ALL UTILITIES AND POLES EXPOSED DURING ANY EXCAVATION PERFORMED AS A RESULT OF THIS PROJECT.

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

UTILITY SERVICES ALL SERVICES ARE NOT SHOWN ON THE PLANS, HOWEVER, THE CONTRACTOR SHALL ASSUME EACH BUSINESS/RESIDENCE IS SERVED BY THE ABOVE UTILITIES AND THE COSTS TO WORK AROUND THESE SERVICES SHALL BE INCLUDED IN THE COST OF THE PROJECT.

COMPLETION DATE THE FINAL COMPLETION DATE FOR THE WORK IS JUNE 9, 2017 WITH A SUBSTANTIAL COMPLETION DATE OF JUNE 2, 2017. FAILURE TO COMPLETE THE WORK BY THESE DATES WILL RESULT IN MONIES DEDUCTED FROM ANY AMOUNT DUE THE CONTRACTOR AS LIQUIDATED DAMAGES IN THE AMOUNT OF \$700 PER DAY.

REFERENCES TO THE STATE, DIRECTOR, ENGINEER, OR INSPECTOR IN THE STANDARD SPECIFICATIONS SHALL BE CONSIDERED REFERENCES TO THE DESIGNATED REPRESENTATIVE OF THE VILLAGE OF WHITEHOUSE.

ESTIMATED QUANTITIES IN THE CONTRACT DOCUMENTS ARE FOR THE PURPOSE OF COMPETITIVE BIDDING AND ARE NOT NECESSARILY THE FINAL PAY QUANTITIES. FINAL FIELD MEASUREMENTS AND CALCULATIONS BY THE ENGINEER/INSPECTOR SHALL DETERMINE THE FINAL QUANTITY TO BE PAID.

CONTINGENCY QUANTITIES THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR ITEMS DESIGNATED BY PLAN NOTE TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED FOR SUCH ITEMS SHALL BE INCORPORATED INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

SLAG MATERIAL IS NOT ALLOWED ON THIS PROJECT.

ODOT COORDINATION ODOT WILL BE RESURFACING SR 64 WHICH INCLUDES ALL OF THE INTERSECTIONS INVOLVED IN THIS PROJECT. THE ODOT RESURFACING PROJECT IS TO SELL IN THE END OF APRIL, 2016. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ODOT CONTRACTOR ONCE HIS PROJECT IS AWARDED. ALL WORK WITHIN THE LIMITS OF THE PROPOSED AND EXISTING ROADWAY SHALL BE COMPLETE PRIOR TO THE RESURFACING OF SR64. PAVEMENT MARKINGS FOR THE CROSSWALKS AND STOP BARS WILL BE PERFORMED BY THE ODOT RESURFACING CONTRACTOR.

REGULATIONS ALL WORK MUST COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS IN ALL RESPECTS, INCLUDING COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.

BEGINNING CONSTRUCTION THE CONTRACTOR WILL NOTIFY THE ENGINEER SEVENTY-TWO (72) HOURS PRIOR TO BEGINNING ACTUAL CONSTRUCTION.

CONSTRUCTION LIMITS THE CONTRACTOR MUST AT ALL TIMES CONDUCT HIS OPERATIONS WITHIN THE PUBLIC RIGHT-OF-WAY OR PROPERTY, AND WITHIN AREAS OUTSIDE THE RIGHT-OF-WAY DESIGNATED BY WORK AGREEMENT OR SLOPE EASEMENT.

OWNER/TENANT NOTIFICATION AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL NOTIFY EACH OWNER/TENANT OF THE PROPERTIES FRONTING THE WORK AREA.

SPOIL MATERIAL DISPOSAL OF ALL SPOIL MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF THE DISPOSAL OF ALL SPOIL MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROJECT.

DRAINAGE THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING/IMPROVING EXISTING DRAINAGE PATTERNS IN ALL WORK AREAS DURING AND AFTER CONSTRUCTION, ON AND OFF PAVEMENT.

MASONRY COLLARS UNLESS OTHERWISE INDICATED IN THE PLANS, A MASONRY COLLAR SHALL BE INSTALLED PER STANDARD CONSTRUCTION DRAWING NO. DM-1.1 WHERE THE PLANS REQUIRE A PIPE EXTENSION TO THE END OR SAWCUT OF AN EXISTING PIPE WITH A BUTT JOINT. ALL COSTS ASSOCIATED WITH THE MASONRY COLLAR SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE NEW CONDUIT.

MANHOLES, CATCH BASINS AND INLETS REMOVED OR ABANDONED ALL CASTINGS SHALL BE CAREFULLY REMOVED AND STORED WITHIN THE RIGHT-OF-WAY FOR SALVAGE BY THE VILLAGE OF WHITEHOUSE. IF, UPON REVIEW OF THE EXISTING STRUCTURES, THE VILLAGE ELECTS NOT TO SALVAGE ANY ITEM, THE CONTRACTOR SHALL REMOVE AND DISPOSE AT NO ADDITIONAL COST TO THE PROJECT.

PAYMENT FOR ALL OF THE ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR CLEARING AND GRUBBING.

REMOVAL ITEMS PAYMENT FOR REMOVAL OF ALL EXISTING OBSTRUCTIONS WHICH ARE NOT ITEMIZED SEPARATELY IN THE PLANS FOR PAYMENT AND WHICH WOULD NORMALLY BE REMOVED FOR THE INSTALLATION OF NEW WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT ITEM OF NEW WORK.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE PLACED BY THE CONTRACTOR WITH THE ENGINEER'S CONCURRENCE FOR TEMPORARY EROSION CONTROL AND SEDIMENT CONTROL MEASURES:

832, INLET PROTECTION 200 FT.

MAILBOXES, ROADWAY SIGNS, STREET NAME SIGNS AND SUPPORTS WHICH INTERFERE WITH THE CONSTRUCTION WILL BE HANDLED PER SECTION 107.10 OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS AND ANY COSTS ASSOCIATED WITH THEIR REMOVAL AND REERECTION SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

ITEM 614, MAINTAINING TRAFFIC A MINIMUM OF ONE LANE OF TRAFFIC IN EACH DIRECTION ON STATE ROUTE 64 SHALL BE MAINTAINED AT TIME BY USE OF THE EXISTING PAVEMENT, COMPLETED PAVEMENT, ITEM 615 PAVEMENT FOR MAINTAINING TRAFFIC, AND TEMPORARY SURFACES USING ITEMS 410 AND 614. LANE CLOSURES SHALL BE ALLOWED FOR SHORT DURATION UTILIZING FLAGGERS AS DETAILED IN STD. DWG. MT97-10. SIDE ROADS INTERSECTING STATE ROUTE 64 WITHIN THE CONSTRUCTION AREA MAY BE CLOSED WITH THE APPROVAL OF THE ENGINEER.

LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITH THE WORK IN PROGRESS.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE SPECIFICATIONS.

ITEM 611, CONDUIT, AS PER PLAN WHERE TYPE B OR C CONDUIT OF LESS THAN OR EQUAL TO 18" DIAMETER IS SPECIFIED THE CONTRACTOR MAY USE ANY OF THE FOLLOWING CONDUIT MATERIALS:

CONCRETE CONDUIT:

* ODOT 706.02 WITH 706.11 JOINTS
THE BEDDING FOR TYPE C CONDUIT MAY CONSIST OF A NATURAL FOUNDATION WITH RECESSES SHAPED TO RECEIVE THE BELL AND SPIGOT PIPE. SCARIFY AND LOOSEN THE MIDDLE ONE THIRD OF THE TRENCH.

POLYVINYL CHLORIDE (PVC) CONDUIT:

* ODOT 707.42
* ODOT 707.43
* ODOT 707.45 (FOR 15" AND UNDER DIAMETER)
* ASTM F679 (FOR 18" DIAMETER)

PVC CONDUIT WILL ONLY BE PERMITTED AT THOSE LOCATIONS WHERE A MINIMUM COVER FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUBGRADE IS 12 INCHES, HOWEVER, IN NO INSTALLATION SHALL THE DISTANCE FROM THE TOP OF THE PIPE TO THE SURFACE OF THE PAVEMENT, OR FINISH GRADE FOR CONDUIT NOT UNDER THE PAVEMENT, BE LESS THAN 18 INCHES. THE BEDDING SHALL EXTEND TO A HEIGHT OF 12 INCHES ABOVE THE TOP OF THE PVC CONDUIT.

REVIEW OF DRAINAGE FACILITIES BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE VILLAGE, REPRESENTATIVES OF THE VILLAGE AND THE CONTRACTOR, SHALL MAKE AN INSPECTION OF ALL EXISTING SEWERS WHICH ARE TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCE SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION SHALL BE KEPT IN WRITING BY THE VILLAGE.

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE VILLAGE.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGE IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 811 CONDUIT ITEMS.

CROSSINGS AND CONNECTIONS TO EXISTING PIPES AND UTILITIES WHERE PLANS PROVIDE FOR A PROPOSED CONDUIT TO BE CONNECTED TO, OR CROSS OVER OR UNDER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING TO LAY THE PROPOSED CONDUIT. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT, OR EXISTING APPURTENANCE TO BE CONNECTED, DIFFERS FROM THE PLAN ELEVATION OR RESULTS IN A CHANGE IN THE PLAN CONDUIT SLOPE, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WILL BE AFFECTED BY THE VARIANCE IN THE EXISTING ELEVATIONS.

IF IT IS DETERMINED THAT THE PROPOSED CONDUIT WILL INTERSECT AN EXISTING SEWER OR UNDERGROUND UTILITY IF CONSTRUCTED AS SHOWN ON THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED CONDUIT WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY.

PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 811 CONDUIT ITEM.

ACCESS THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION PHASES AND OPERATIONS IN A MANNER THAT PROVIDES ACCESS TO PROPERTY OWNERS/TENANTS AFFECTED BY THE WORK AT ALL TIMES, UNLESS OTHERWISE AGREED TO BY THE OWNER/TENANT.

EXISTING LANDSCAPING PAVERS WHERE IS NECESSARY TO REMOVE EXISTING LANDSCAPING PAVERS, REMOVAL SHALL BE INCLUDED WITH ITEM 203, EXCAVATION FOR PAYMENT.

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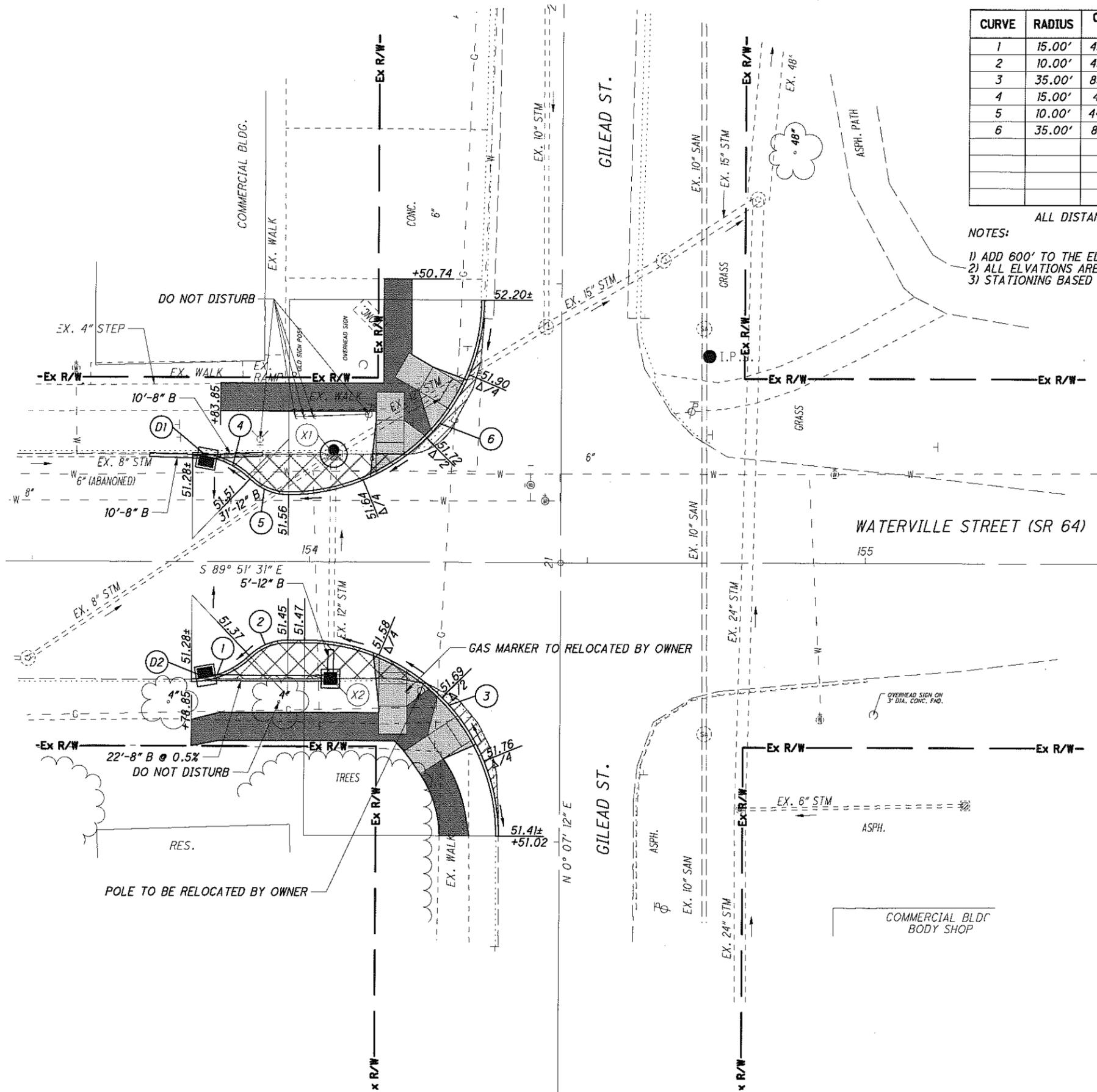
GENERAL NOTES

VILLAGE OF WHITEHOUSE
DOWNTOWN STREETSCAPE PH. 1

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CURVE DATA

CURVE	RADIUS	CENTRAL ANGLE	CURVE LENGTH	CENTER POINT
1	15.00'	43°56'44"	11.50'	STA. 153+78.85, 6.00' RT.
2	10.00'	43°56'44"	7.67'	STA. 153+96.20, 24.00' RT.
3	35.00'	89°58'43"	54.96'	STA. 153+99.21, 49.00' RT.
4	15.00'	44°02'11"	11.53'	STA. 153+78.81, 4.02' LT.
5	10.00'	44°04'34"	7.69'	STA. 153+96.19, 21.99' LT.
6	35.00'	89°58'51"	54.97'	STA. 153+96.17, 46.99' LT.

ALL DISTANCES ARE MEASURED TO FACE OF CURB

NOTES:
 1) ADD 600' TO THE ELEVATION SHOWN FOR ACTUAL ELEVATION.
 2) ALL ELVATIONS ARE PAVEMENT UNLESS OTHERWISE NOTED.
 3) STATIONING BASED OFF @ CONST.

- (X1) RECONSTRUCT w/ MH TOP
 STA. 154+04.3, 19.3' LT.
 EX. CI (R2565)
 T/GRATE=651.11
 8" W=646.56±
 8" SW= 646.11
 12" S&NE= 646.11
 12" S=648.21
 4" NE=647.01
- (X2) REPLACE w/ cCB 2-2B
 STA. 154+03.9, 20.9' RT.
 EX. CI (R2559)
 T/GRATE=651.02
 12" N=648.42
- (D1) STA. 153+81.4, 18.8' LT.
 PROP. LUCAS CO. TYPE A-2 CB
 T/GRATE=651.11
 E 8" E&W=641.6± (MATCH EX. 8")
- (D2) STA. 153+81.4, 20.8' LT.
 PROP. LUCAS CO. TYPE A-2 CB
 T/GRATE=651.11
 E 12" E=648.53

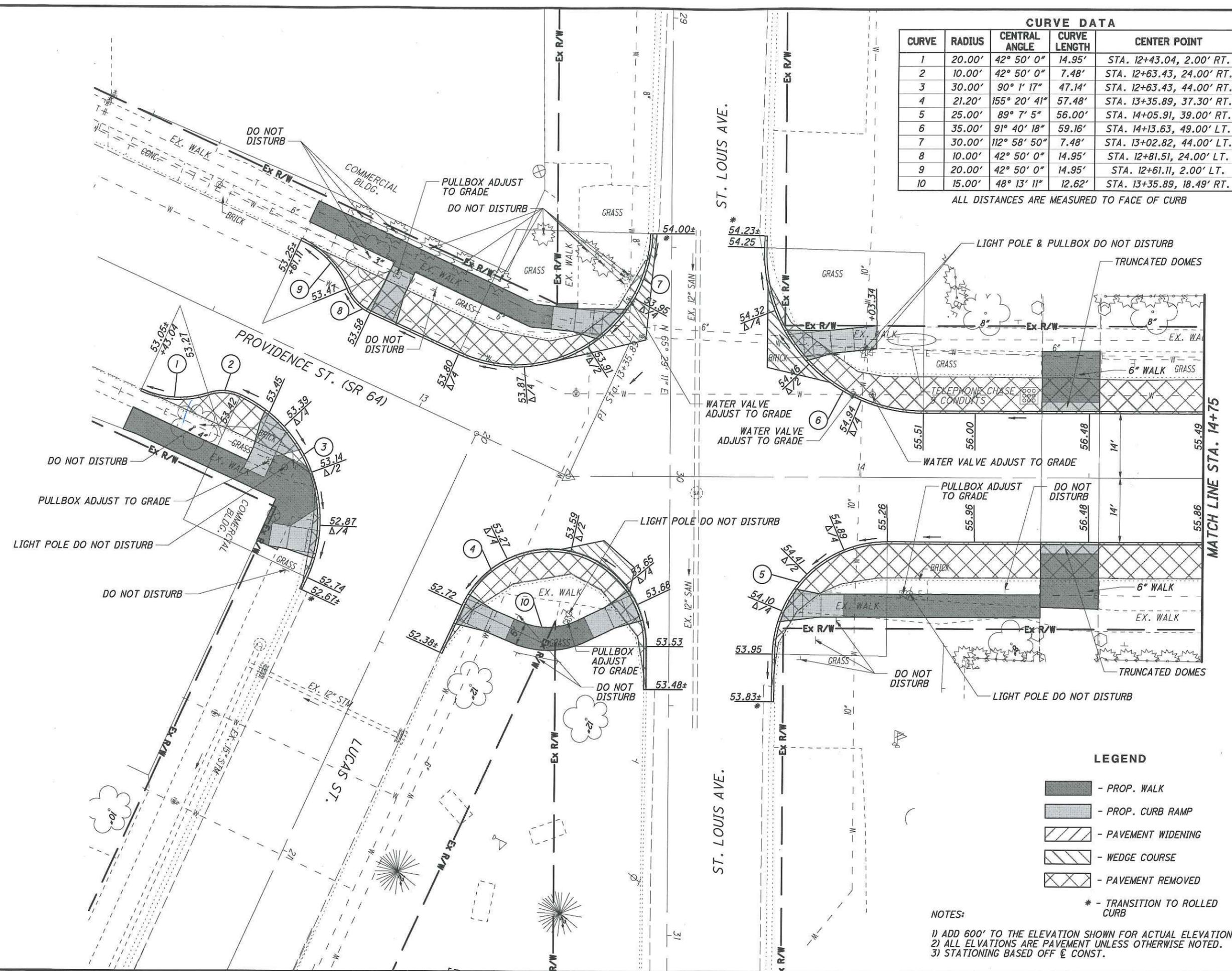
LEGEND

	- PROP. WALK
	- PROP. CURB RAMP
	- PAVEMENT WIDENING
	- WEDGE COURSE
	- PAVEMENT REMOVED

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CURVE DATA				
CURVE	RADIUS	CENTRAL ANGLE	CURVE LENGTH	CENTER POINT
1	20.00'	42° 50' 0"	14.95'	STA. 12+43.04, 2.00' RT.
2	10.00'	42° 50' 0"	7.48'	STA. 12+63.43, 24.00' RT.
3	30.00'	90° 1' 17"	47.14'	STA. 12+63.43, 44.00' RT.
4	21.20'	155° 20' 41"	57.48'	STA. 13+35.89, 37.30' RT.
5	25.00'	89° 7' 5"	56.00'	STA. 14+05.91, 39.00' RT.
6	35.00'	91° 40' 18"	59.16'	STA. 14+13.63, 49.00' LT.
7	30.00'	112° 58' 50"	7.48'	STA. 13+02.82, 44.00' LT.
8	10.00'	42° 50' 0"	14.95'	STA. 12+81.51, 24.00' LT.
9	20.00'	42° 50' 0"	14.95'	STA. 12+61.11, 2.00' LT.
10	15.00'	48° 13' 11"	12.62'	STA. 13+35.89, 18.49' RT.

ALL DISTANCES ARE MEASURED TO FACE OF CURB



CALCULATED GAB CHECKED JTY

0 5 10 20
HORIZONTAL SCALE IN FEET

PLAN SHEET
PROVIDENCE ST. & LUCAS ST. & ST. LOUIS AVE.

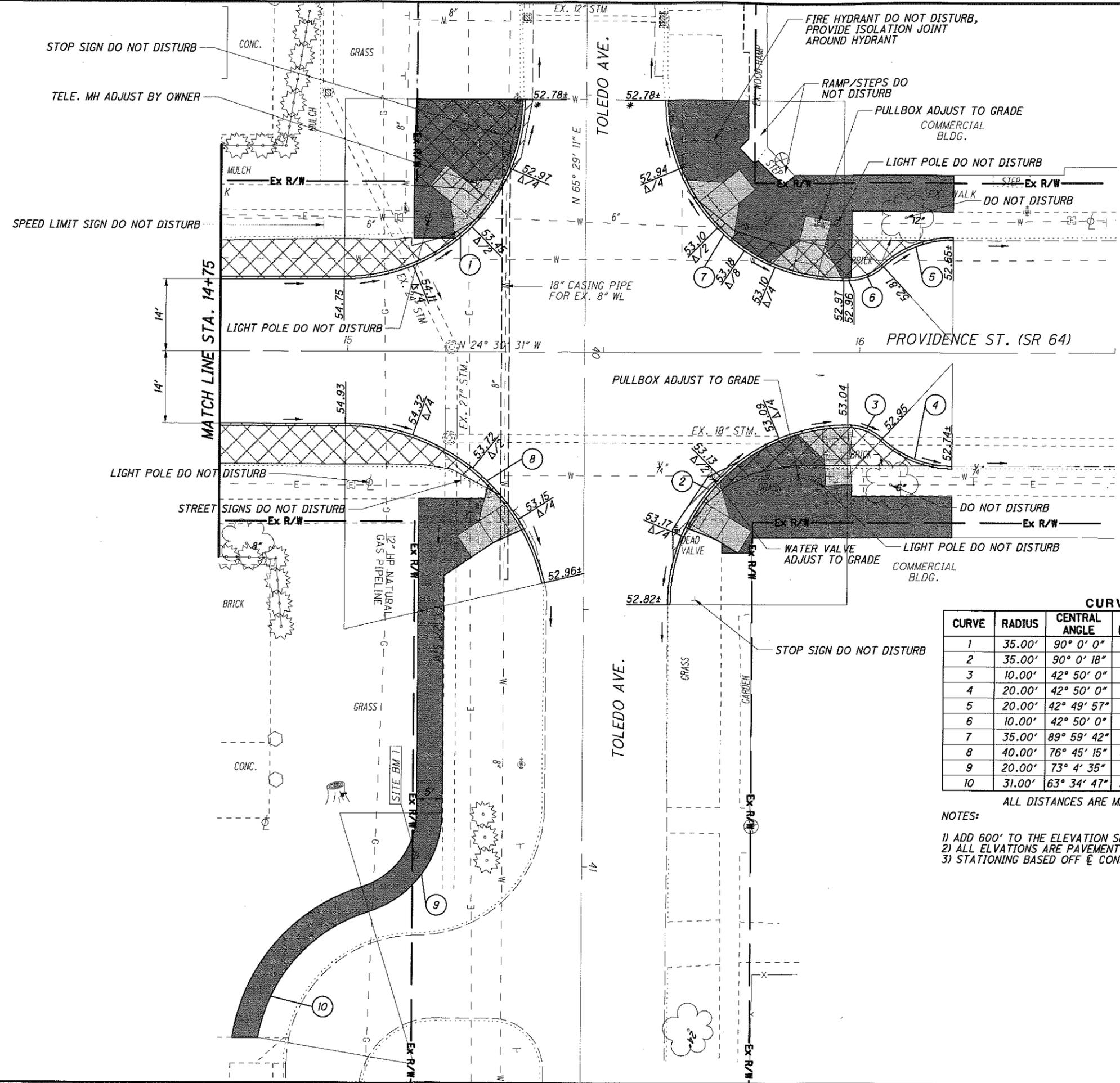
VILLAGE OF WHITEHOUSE
DOWNTOWN STREETSCAPE PH. 1

- LEGEND**
- PROP. WALK
 - PROP. CURB RAMP
 - PAVEMENT WIDENING
 - WEDGE COURSE
 - PAVEMENT REMOVED
 - * - TRANSITION TO ROLLED CURB

NOTES:

- 1) ADD 600' TO THE ELEVATION SHOWN FOR ACTUAL ELEVATION.
- 2) ALL ELVATIONS ARE PAVEMENT UNLESS OTHERWISE NOTED.
- 3) STATIONING BASED OFF \varnothing CONST.

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SITE BM 1
 X CUT IN MIDDLE OF CONC. PAD
 EL. 653.862
 N=677242.6890, E=161128.5000
 STA. 40+97.9, 35.5' RT.
 (E R/W TOLEDO AVE.)

CURVE DATA

CURVE	RADIUS	CENTRAL ANGLE	CURVE LENGTH	CENTER POINT
1	35.00'	90° 0' 0"	54.98'	14+99.27, 49.00' LT.
2	35.00'	90° 0' 18"	54.98'	15+97.78, 49.00' RT.
3	10.00'	42° 50' 0"	7.48'	15+97.78, 24.00' RT.
4	20.00'	42° 50' 0"	14.95'	16+18.17, 2.00' RT.
5	20.00'	42° 49' 57"	14.95'	16+18.17, 2.00' LT.
6	10.00'	42° 50' 0"	7.48'	15+97.78, 24.00' LT.
7	35.00'	89° 59' 42"	54.97'	15+96.77, 49.00' LT.
8	40.00'	76° 45' 15"	53.58'	STA. 14+99.64, 54.00' RT.
9	20.00'	73° 4' 35"	25.51'	STA. 40+89.69, 47.28' RT.
10	31.00'	63° 34' 47"	34.40'	STA. 41+38.48, 32.44' RT.

ALL DISTANCES ARE MEASURED TO FACE OF CURB

NOTES:

- 1) ADD 600' TO THE ELEVATION SHOWN FOR ACTUAL ELEVATION.
- 2) ALL ELEVATIONS ARE PAVEMENT UNLESS OTHERWISE NOTED.
- 3) STATIONING BASED OFF C CONST.

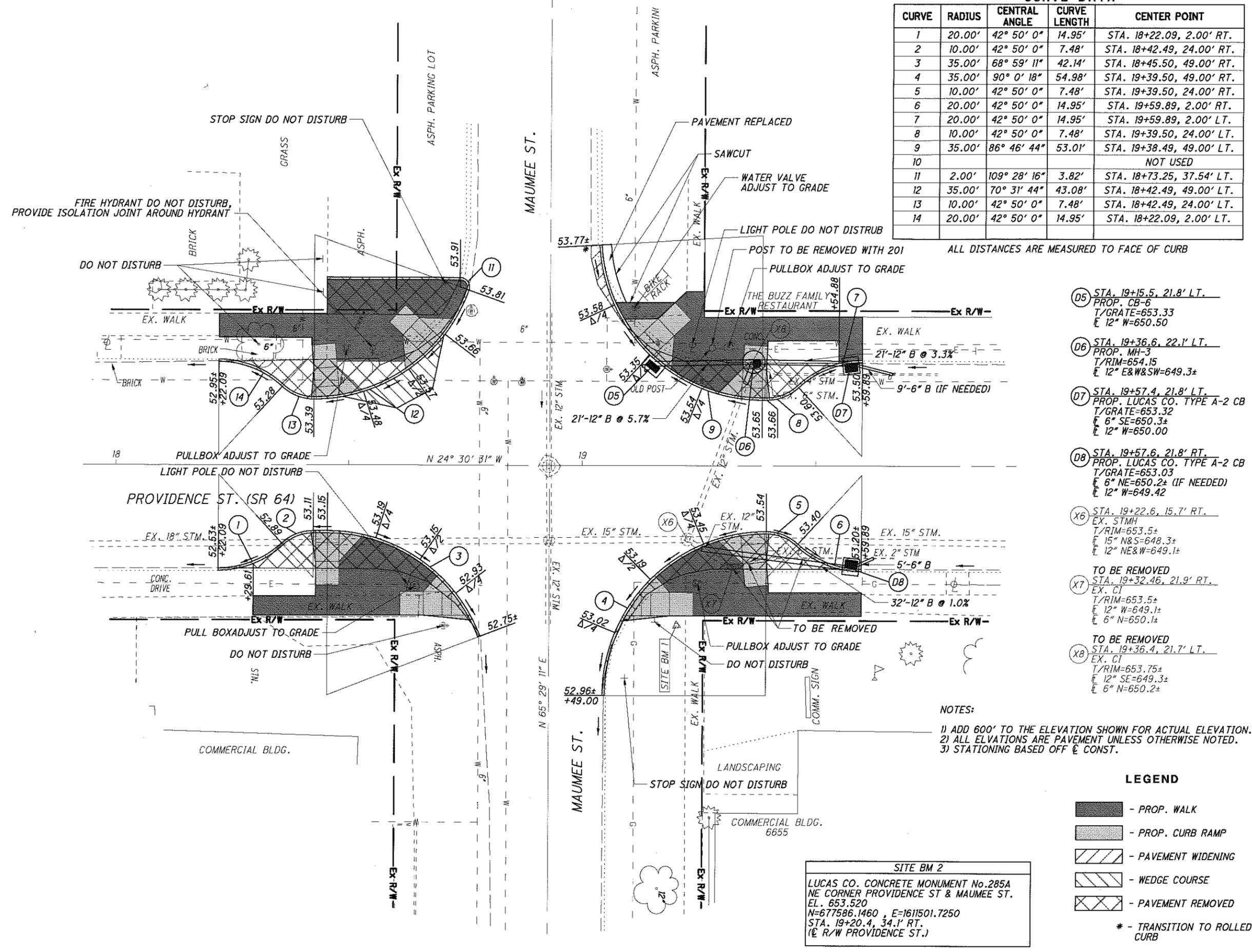
- LEGEND**
- PROP. WALK
 - PROP. CURB RAMP
 - PAVEMENT WIDENING
 - WEDGE COURSE
 - PAVEMENT REMOVED
 - * - TRANSITION TO ROLLED CURB

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CURVE DATA

CURVE	RADIUS	CENTRAL ANGLE	CURVE LENGTH	CENTER POINT
1	20.00'	42° 50' 0"	14.95'	STA. 18+22.09, 2.00' RT.
2	10.00'	42° 50' 0"	7.48'	STA. 18+42.49, 24.00' RT.
3	35.00'	68° 59' 11"	42.14'	STA. 18+45.50, 49.00' RT.
4	35.00'	90° 0' 18"	54.98'	STA. 19+39.50, 49.00' RT.
5	10.00'	42° 50' 0"	7.48'	STA. 19+39.50, 24.00' RT.
6	20.00'	42° 50' 0"	14.95'	STA. 19+59.89, 2.00' RT.
7	20.00'	42° 50' 0"	14.95'	STA. 19+59.89, 2.00' LT.
8	10.00'	42° 50' 0"	7.48'	STA. 19+39.50, 24.00' LT.
9	35.00'	86° 46' 44"	53.01'	STA. 19+38.49, 49.00' LT.
10				NOT USED
11	2.00'	109° 28' 16"	3.82'	STA. 18+73.25, 37.54' LT.
12	35.00'	70° 31' 44"	43.08'	STA. 18+42.49, 49.00' LT.
13	10.00'	42° 50' 0"	7.48'	STA. 18+42.49, 24.00' LT.
14	20.00'	42° 50' 0"	14.95'	STA. 18+22.09, 2.00' LT.

ALL DISTANCES ARE MEASURED TO FACE OF CURB



- (D5) STA. 19+15.5, 21.8' LT.
PROP. CB-6
T/GRATE=653.33
E 12" W=650.50
- (D6) STA. 19+36.6, 22.1' LT.
PROP. MH-3
T/RIM=654.15
E 12" E&W&SW=649.3±
- (D7) STA. 19+57.4, 21.8' LT.
PROP. LUCAS CO. TYPE A-2 CB
T/GRATE=653.32
E 6" SE=650.3±
E 12" W=650.00
- (D8) STA. 19+57.6, 21.8' RT.
PROP. LUCAS CO. TYPE A-2 CB
T/GRATE=653.03
E 6" NE=650.2± (IF NEEDED)
E 12" W=649.42
- (X6) STA. 19+22.6, 15.7' RT.
EX. STMH
T/RIM=653.5±
E 15" N&S=648.3±
E 12" NE&W=649.1±
- (X7) TO BE REMOVED
STA. 19+32.46, 21.9' RT.
EX. CI
T/RIM=653.5±
E 12" W=649.1±
E 6" N=650.1±
- (X8) TO BE REMOVED
STA. 19+36.4, 21.7' LT.
EX. CI
T/RIM=653.75±
E 12" SE=649.3±
E 6" N=650.2±

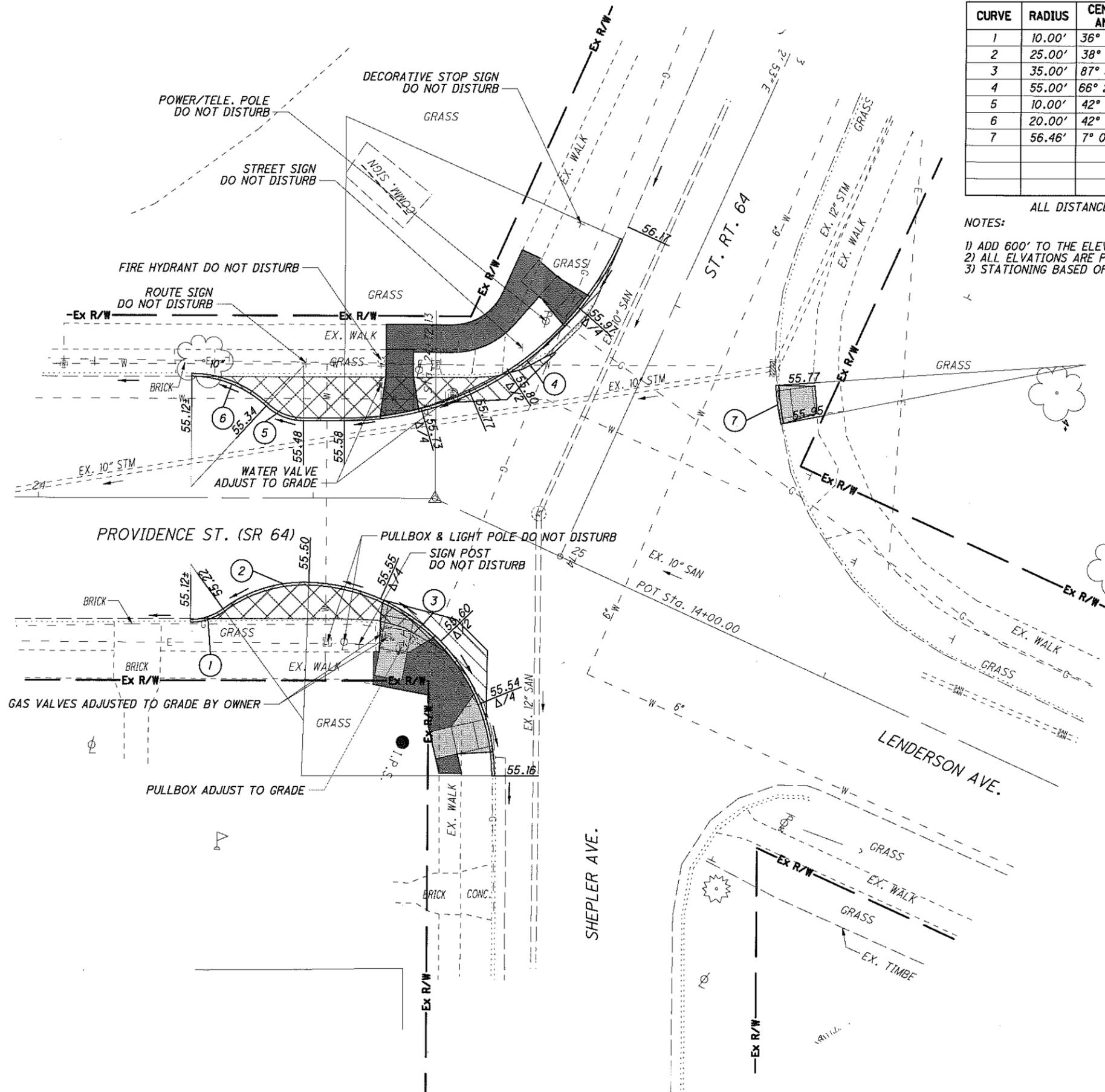
NOTES:
 1) ADD 600' TO THE ELEVATION SHOWN FOR ACTUAL ELEVATION.
 2) ALL ELVATIONS ARE PAVEMENT UNLESS OTHERWISE NOTED.
 3) STATIONING BASED OFF E CONST.

LEGEND

- PROP. WALK
- PROP. CURB RAMP
- PAVEMENT WIDENING
- WEDGE COURSE
- PAVEMENT REMOVED
- * - TRANSITION TO ROLLED CURB

SITE BM 2
 LUCAS CO. CONCRETE MONUMENT No.285A
 NE CORNER PROVIDENCE ST & MAUMEE ST.
 EL. 653.520
 N=677586.1460, E=1611501.7250
 STA. 19+20.4, 34.1' RT.
 (E R/W PROVIDENCE ST.)

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CURVE DATA				
CURVE	RADIUS	CENTRAL ANGLE	CURVE LENGTH	CENTER POINT
1	10.00'	36° 18' 27"	6.34'	STA. 24+27.80, 12.00' RT.
2	25.00'	38° 10' 12"	16.65'	STA. 24+27.80, 40.20' RT.
3	35.00'	87° 59' 12"	53.75'	STA. 24+27.80, 50.20' RT.
4	55.00'	66° 26' 48"	63.78'	STA. 24+55.61, 69.00' LT.
5	10.00'	42° 50' 0"	7.48'	STA. 24+27.80, 24.00' LT.
6	20.00'	42° 50' 0"	14.95'	STA. 24+27.80, 2.00' LT.
7	56.46'	7° 08' 34"	7.04'	STA. 25+69.72, 71.24' LT.

ALL DISTANCES ARE MEASURED TO FACE OF CURB

NOTES:

- 1) ADD 600' TO THE ELEVATION SHOWN FOR ACTUAL ELEVATION.
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- 3) STATIONING BASED OFF \bar{C} CONST.

LEGEND

- PROP. WALK
- PROP. CURB RAMP
- PAVEMENT WIDENING
- WEDGE COURSE
- PAVEMENT REMOVED



CALCULATED GAB
CHECKED JTY

PLAN SHEET
PROVIDENCE ST. & SHEPLER AVE.

VILLAGE OF WHITEHOUSE
DOWNTOWN STREETSCAPE PH. 1