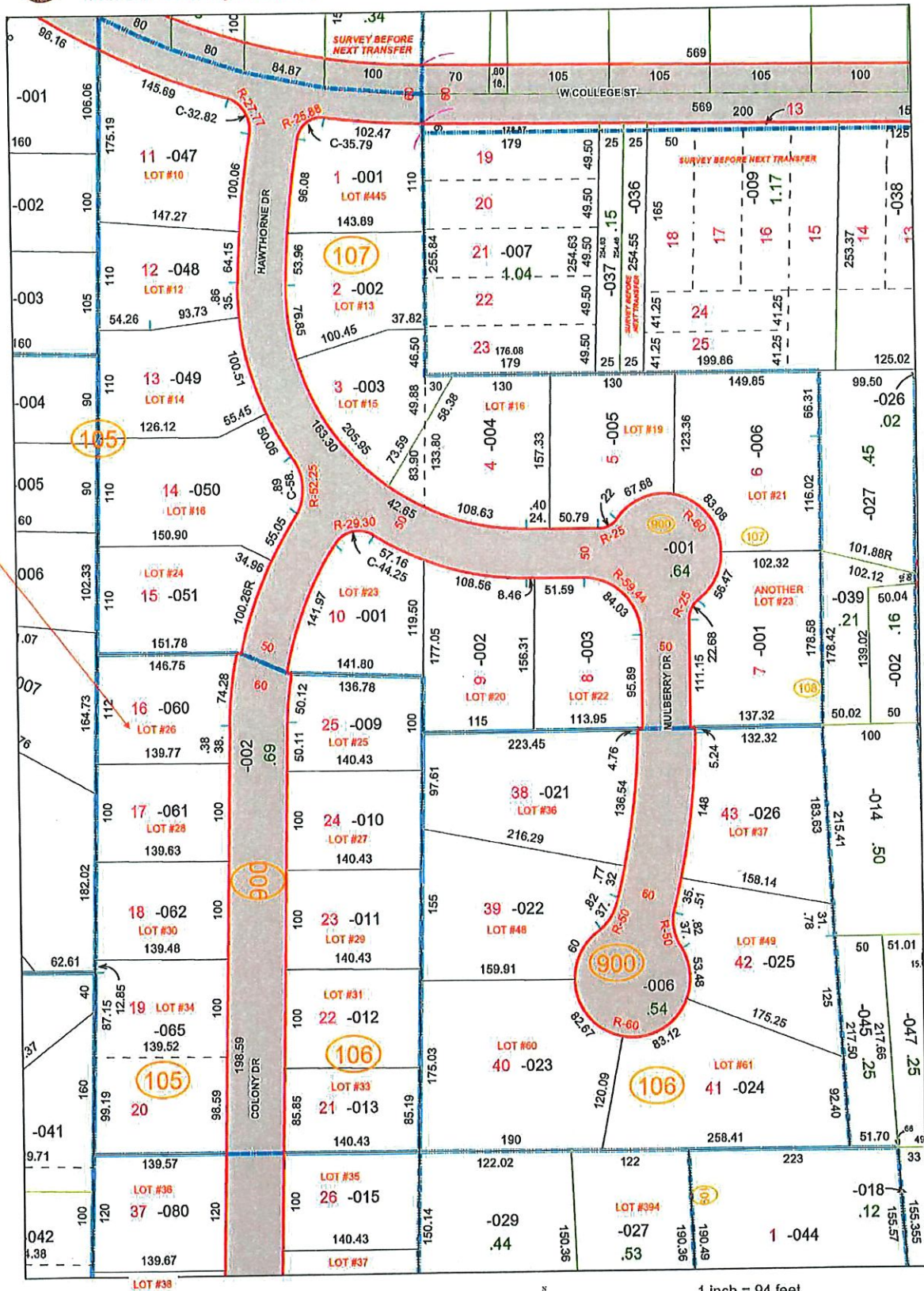




J. Craig Snodgrass, CPA, CGFM
Lorain County Auditor



February 16, 2024 2:06:57 PM



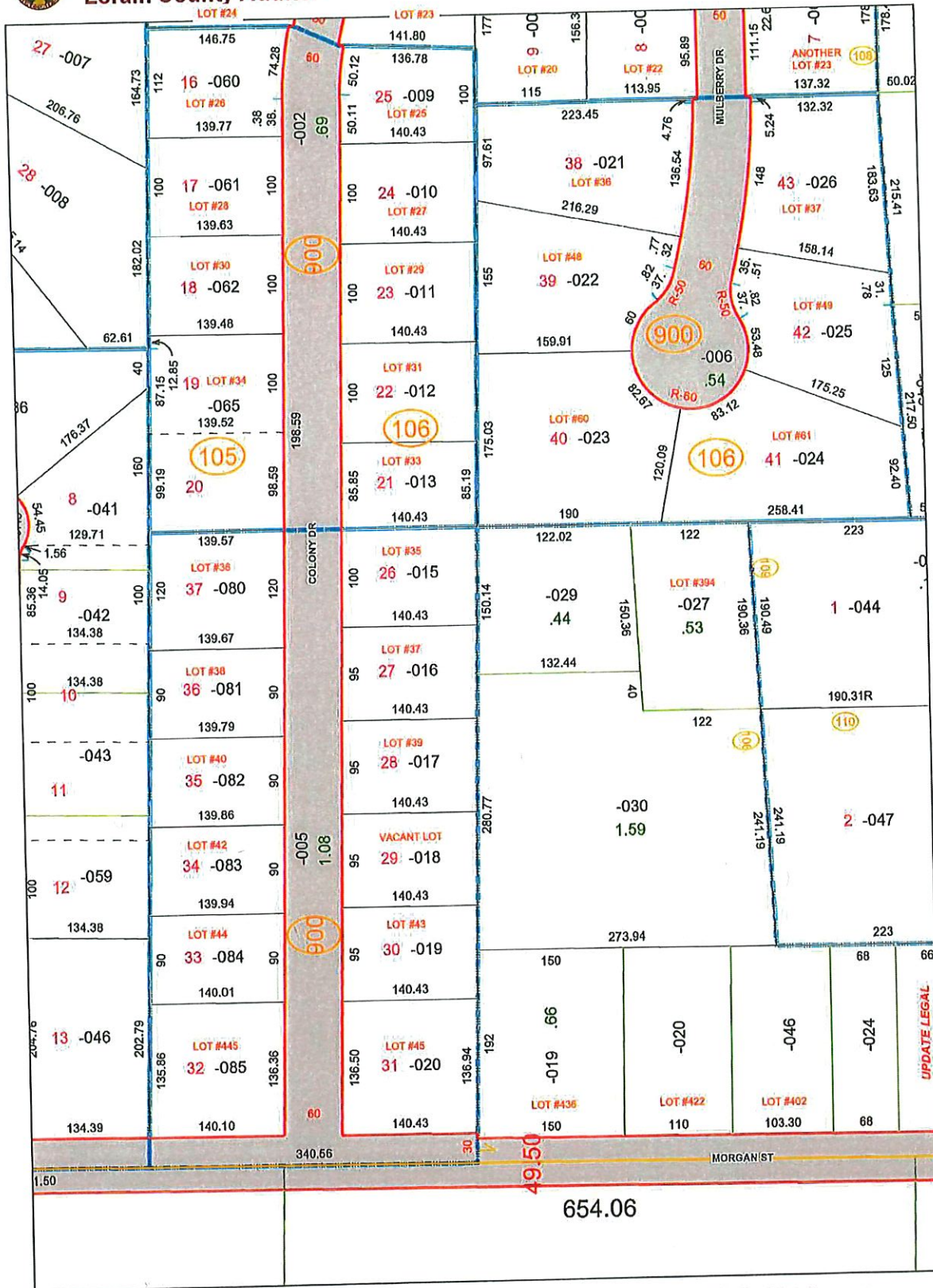
1 inch = 94 feet
0 80 160 320 ft

Legend				
Boundaries	Sublot Line	Right-of-way Parcel Line	FromTo Medium	Subdivisions/
Dashed Lot Line	Parcel Line	Tip Medium	Road Centerlines	Right of Ways
Dashed Parcel Line	Right-of-way Line	Arrow Medium		Parcels_Black

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4/9/25**



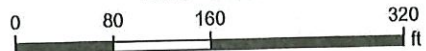
J. Craig Snodgrass, CPA, CGFM
Lorain County Auditor



February 16, 2024 2:13:48 PM



1 inch = 94 feet



Legend			
Boundaries	Parcel Line	PLSS Boundaries	Hook Medium
Dashed Lot Line	Right-of-way Line	Original Lot Lines	Tip Medium
Dashed Parcel Line	Right-of-way Parcel Line	Medium Symbols	Road Centerlines
Sublot Line		Arrow Medium	Subdivisions/...
			Right of Ways
			Parcels_Black

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REFERENCE ONLY
4/9/25

UPDATE LEGAL



J. Craig Snodgrass, CPA, CGFM
Lorain County Auditor



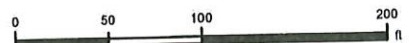
February 16, 2024 2:18:25 PM

Legend

- | | | | | |
|--------------------------|-------------------|--------------------------|------------------|------------------|
| Boundaries | Sublot Line | Right-of-way Parcel Line | FromTo Medium | Subdivisions/... |
| - - - Dashed Lot Line | Parcel Line | Medium Symbols | Tip Medium | Right of Ways |
| - - - Dashed Parcel Line | Right-of-way Line | Arrow Medium | Road Centerlines | |



1 inch = 94 feet



**ISSUE FOR BID
REFERENCE ONLY
4/9/25**

**COLONY, THAWTHORNE, AND
MULBERRY DRIVES
URD UPGRADE
MAP #6 - FOR REFERENCE ONLY**



J. Craig Snodgrass, CPA, CGFM
Lorain County Auditor



February 16, 2024 2:20:27 PM

Legend

Boundaries

- - - Dashed Lot Line
- Sublot Line
- Parcel Line

Right-of-way

- Right-of-way Line
- Right-of-way Parcel Line
- Medium Symbols
- Arrow Medium

Tip Medium

- Road Centerlines
- Subdivisions/...
- Right of Ways



1 inch = 94 feet



**ISSUE FOR BID
REFERENCE ONLY
4/9/25**

**COLONY, THAWTHORNE, AND
MULBERRY DRIVES
URD UPGRADE
MAP #7 - FOR REFERENCE ONLY**



J. Craig Snodgrass, CPA, CGFM
Lorain County Auditor



February 16, 2024 2:16:09 PM

Legend

Boundaries

- - Dashed Lot Line
- Sublot Line

- Parcel Line
- Right-of-way Line

- Right-of-way Parcel Line
- Medium Symbols
- Hook Medium

- Road Centerlines
- Subdivisions
- Right of Wa

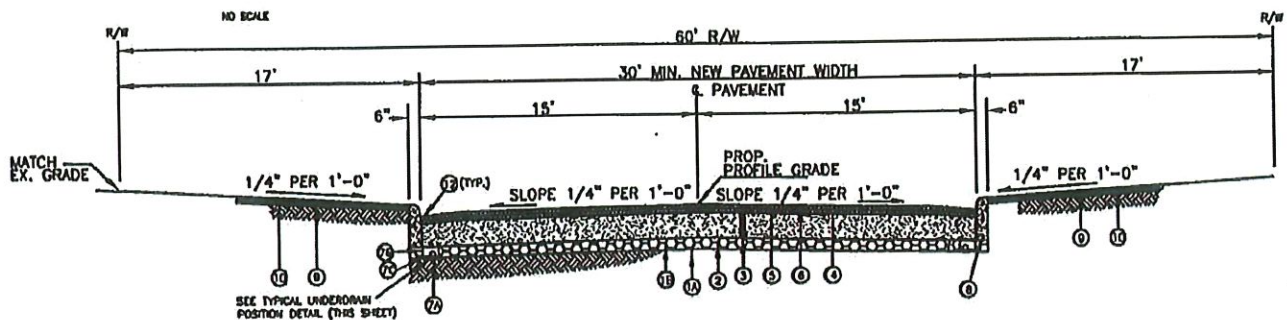


1 inch = 94 feet



ISSUE FOR BID
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4/9/25

COLONY & MULBERRY DRIVES
URD UPGRADE
MAP #8 - FOR REFERENCE ONLY

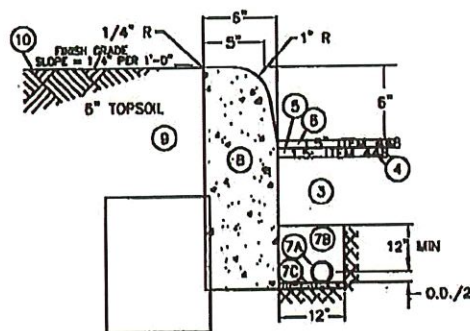


- (A) ODOT ITEM 203, SUBGRADE COMPACTION W/ (B)
- (B) GEOTEXT (TEXAS BX1200 OR EQUIVALENT)
- (2) ODOT ITEM 304, 6\" AGGREGATE BASE
- (3) ODOT ITEM 301, 4\" BITUMINOUS AGGREGATE BASE
- (4) ODOT ITEM 407, TACK COAT, 0.10 GAL./S.Y. BETWEEN EACH ASPHALT LAYER
- (5) ODOT ITEM 448 TYPE 2, 1-1/2\" ASPHALT CONCRETE, AC-20
- (6) ODOT ITEM 448 TYPE 1, 1-1/2\" ASPHALT CONCRETE, AC-20
- (7A) ODOT ITEM 605, 4\" UNDERDRAIN (SEE NOTE 1)
- (7B) WASHED GRANULAR FILTER MATERIAL (NO. 8)
- (7C) 2\" GRANULAR BEDDING
- (8) ODOT ITEM 609, CONCRETE CURB - TYPE B (SEE STD. DETAIL)
- (9) ODOT ITEM 653, 6\" TOPSOIL
- (10) ODOT ITEM 659, SEEDING AND MULCHING (URBAN IN CHARACTER)
- (11) CONCRETE-WALK-PER-CONCRETE-SIDEWALKS-
- (12) ODOT 413 CRACK SEAL ALONG ALL PAVEMENT-CURB JOINTS

NOTES

1. 4\" A2000 UNDERDRAIN SHALL BE CORRUGATED PERFORATED POLYETHYLENE W/SMOOTH INTERIOR CONFORMING TO ASTM F949 AND AASHTO M252 AS MANUFACTURED BY ADS, INC. OR EQUAL.
2. SUBGRADE FILTER FABRIC (NOT SHOWN) TO BE USED BETWEEN SUBGRADE AND O.D.O.T. 301: WHEN SOFT/UNSTABLE SUBGRADE IS ENCOUNTERED, WHEN REQUIRED BY THE ENGINEER, IN LIEU OF OR IN CONJUNCTION WITH O.D.O.T. 203.13C SOFT SUBGRADE REMOVAL/REPLACEMENT.

TYPICAL PAVEMENT SECTION - LOCAL RESIDENTIAL



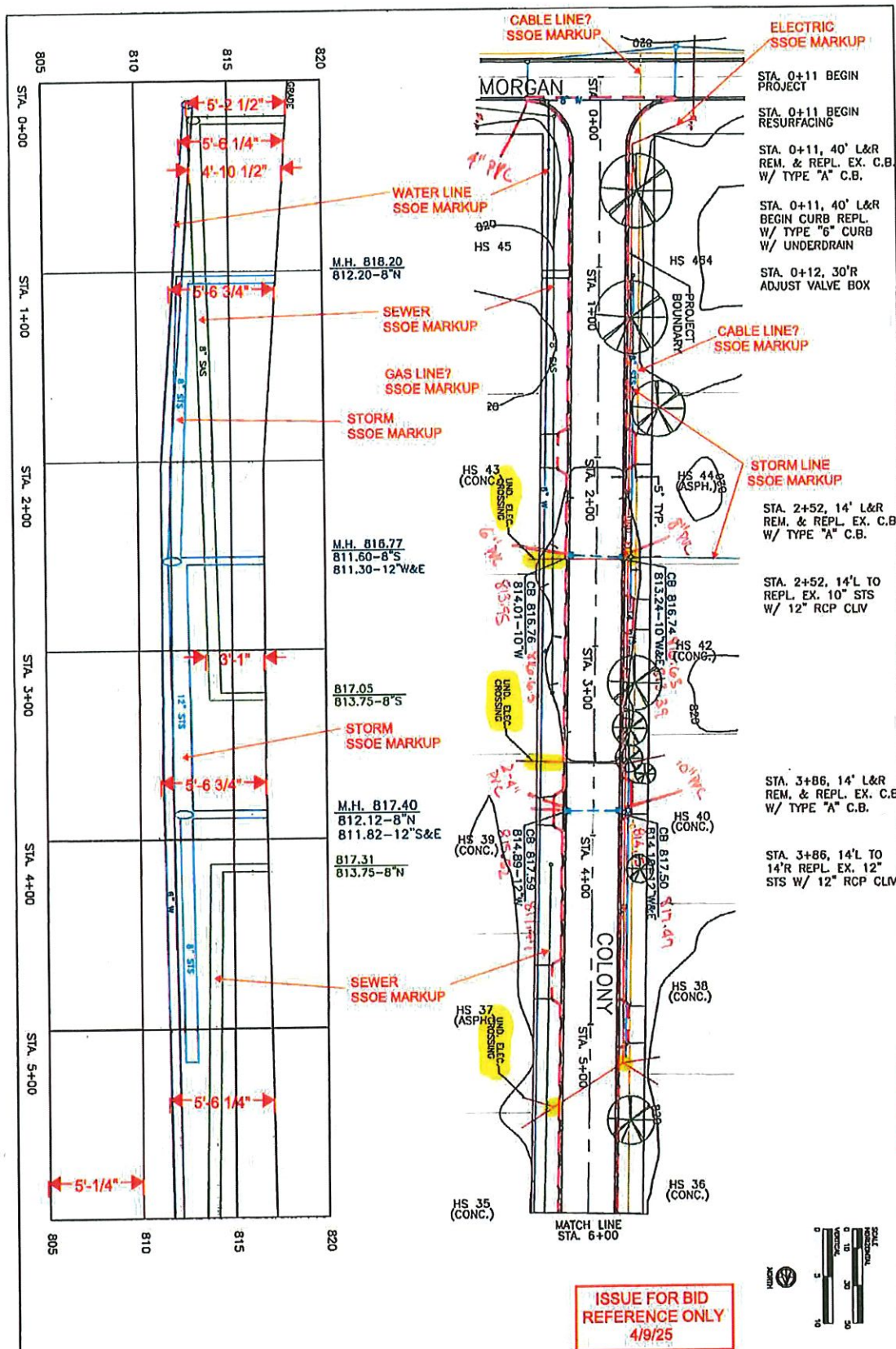
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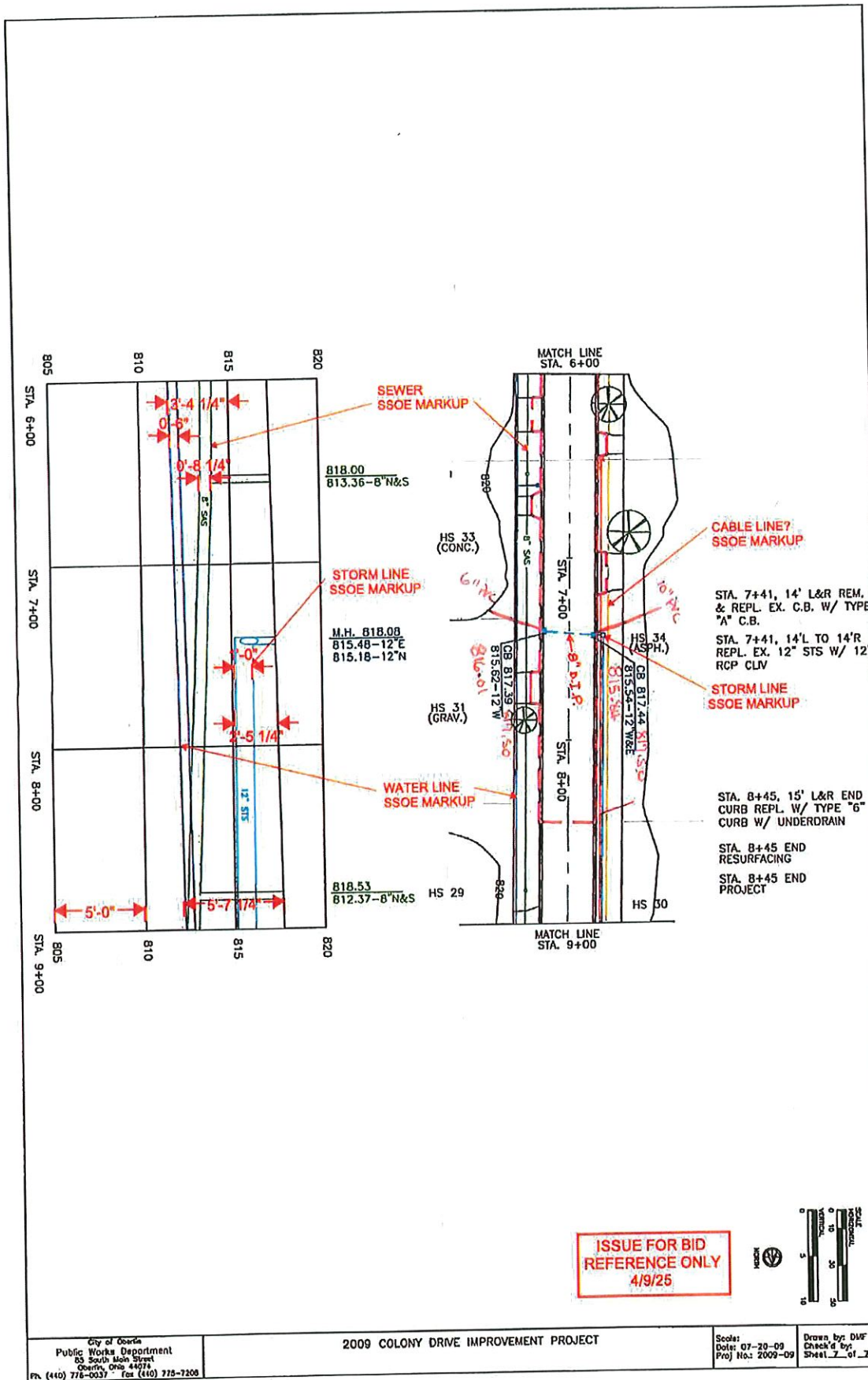
1. ALL EXPOSED SURFACES OF CONCRETE CURB SHALL HAVE A BRUSH FINISH.
2. GUTTER SEAL PAYMENT SHALL BE INCLUDED IN PRICE PER TON FOR ITEM 404, ASPHALT CONCRETE.
3. ITEMS (A) THRU (12) INCLUSIVE TO BE AS PER APPLICABLE TYPICAL PAVEMENT SECTION.
4. PAVEMENT AND BASE THICKNESS SHOWN APPLY ONLY TO LOCAL RESIDENTIAL.

CURB/ DRAIN DETAIL (TYPE 6 VERTICAL CURB)

NO SCALE

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REFERENCE ONLY
4/9/25**






AS-BUILT

20 40
Scale: 1" = 40'



REVISIONS		Layout Plan
SHEET: 4 of 9		

 City of Oberlin
Public Works Department
85 South Main Street
Oberlin, Ohio 44074
Ph. (440) 776-0037 Fax (440) 775-7208

Hawthorne & Colony Drive: Pavement Improvements

Date: 4/1/21

Drawn By: JI

Layout Plan

SHEET:
4 of 9

CITY OF OBERLIN CONTRACT 2009-09 COLONY DRIVE IMPROVEMENTS

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4/9/25

SHEET INDEX

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PLAN.....	6
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LORAIN COUNTY, OHIO SUMMER 2009

PROJECT OFFICIALS

PUBLIC WORKS DIR.....JEFF BAUMANN
CITY ENGINEER.....RANDALL ROBERTS

CITY OFFICIALS

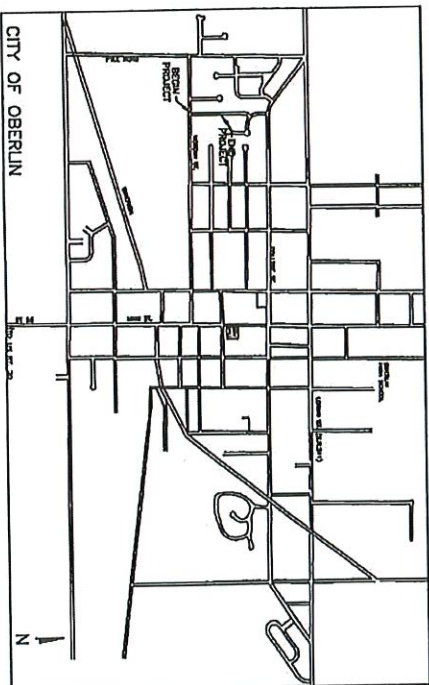
CITY MANAGER.....ERIC NORENBURG
FINANCE DIRECTOR.....SAL TALARICO
COUNCIL CLERK.....BELINDA ANDERSON
LAW DIRECTOR.....ERIC SEYERS

CITY COUNCIL

PRESIDENT.....DAVID SONNER
VICE-PRESIDENT.....JACK BAUMANN
MEMBER.....DAVID ASHENHURST
MEMBER.....SCOTT BROADWELL
MEMBER.....CHARLES PETERSON
MEMBER.....RONNIE RIMBERT
MEMBER.....SHARON SOUCY

APPROVALS

JEFF NORENBURG - CITY MANAGER
DATE 7/23/09
JEFF BAUMANN - CITY ENGINEER
DATE 7-23-09



LOCATION MAP

UNDERGROUND UTILITIES
TWO WORKING DAYS
BEFORE YOU DIG
CALL 1-800-352-2764
OHIO UTILITIES PROTECTION SERVICE
NON-EMERGENCY
MUST BE CALLED FIRST

RANDALL ROBERTS - CITY ENGINEER
DATE 7/23/09
STATE OF OHIO
PROFESSIONAL ENGINEER
RANDALL ROBERTS
#64775

PRODUCED BY:
CITY OF OBERLIN
69 SOUTH MAIN STREET
OBERLIN, OHIO 44074
(440) 776-0037

GENERAL NOTES:

THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING HIS BID TO ASCERTAIN THE CONDITIONS OF THIS WORK.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON ALL DRAWINGS PRIOR TO CONSTRUCTION. ANY DISCREPANCY BETWEEN ACTUAL AND GRAPHIC DIMENSIONS SHALL BE REPORTED TO THE ENGINEER PRIOR TO PROCEEDING WITH ANY CONSTRUCTION.

THE LATEST STANDARD SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION, INCLUDING THE SUPPLEMENTAL SPECIFICATIONS, SHALL BE USED FOR ALL MATERIALS, METHODS, AND PRACTICES FOR THIS PROJECT, EXCEPT AS MAY BE MODIFIED BY THE PROJECT PLANS AND SPECIFICATIONS.

ALL WORK COMPLETED UNDER THIS CONTRACT SHALL BE SUBJECT TO THE DEPARTMENT OF LABOR OCCUPATIONAL AND HEALTH ACT.

THE CONTRACTOR SHALL INCLUDE COST OF COMPACTED BASE MATERIAL, INCLUDING COMPACTION TESTS UNDER ALL EXISTING AND PROPOSED PAVEMENTS IN THE PRICE BID PER LINEAR FOOT OF PIPE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONUMENT BOX PINS AND WITNESS MONUMENTS TO BE SET PRIOR TO THE FINAL PAYMENT AND RELEASE. THESE PINS AND MONUMENTS SHALL BE SET BY A REGISTERED OHIO SURVEYOR. THE COST SHALL BE INCLUDED IN THE PRICE BID.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING STRUCTURES OR PROPERTY AND SHALL REPAIR OR REPLACE ALL DAMAGES AT HIS OWN EXPENSE.

UPON COMPLETION OF CONSTRUCTION, THE WORK AREA SHALL BE RETURNED AS NEAR AS POSSIBLE TO ITS ORIGINAL CONDITION.

ALL DISTURBED DRAINAGE CHANNELS, SWALES, DITCHES, AND DETAILS THAT ARE NOT BE RECONSTRUCTED, THE PROJECT SHALL BE REPAIRED TO THEIR ORIGINAL SHAPE AND GRADE. ALL DISTURBED DRIVE CULVERTS SHALL BE REPLACED IN THEIR ORIGINAL LOCATION AND GRADE.

THE CONTRACTOR SHALL WORK WITHIN THE DESIGNATED STREET RIGHT-OF-WAY WHILE CONSTRUCTING THIS PROJECT UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.

TRAFFIC CONTROL:

THE CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC AND THE PROTECTION OF THE TRAVELING PUBLIC APPROACHING THE CONSTRUCTION AREA AND WITHIN THE RIGHT-OF-WAY OF THE CONSTRUCTION. THE CONTRACTOR SHALL FURNISH, DIRECT, PLACE, AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND MAINTAIN TRAFFIC DURING HOURS OF CONSTRUCTION. THE CONTRACTOR SHALL ALSO PROVIDE TRAFFIC CONTROL/DETOUR ROUTE WAYS.

IMMEDIATELY UPON COMPLETION OF THE WORK, THE TRAFFIC CONTROL AND CONSTRUCTION SIGNS AND DEVICES SPECIFIED IN THE SPECIFICATIONS WILL REMAIN HIS PROPERTY. THE CITY WILL REMOVE ANY TRAFFIC CONTROL AND CONSTRUCTION SIGNS AND DEVICES ERECTED BY CITY FORCES.

ALL TRAFFIC CONTROL AND CONSTRUCTION SIGNS AND DEVICES SHALL BE IN PLACE AND INSPECTED BY THE CITY ENGINEER OR HIS REPRESENTATIVE BEFORE WORK BEGINS.

ALL SIGNS NOT IN USE SHALL BE EITHER COVERED OR REMOVED FROM SITE.

THE CONTRACTOR SHALL NOTIFY ALL EMERGENCY AND PUBLIC SERVICES (FIRE DEPT., POLICE DEPT., REGISTRATION, DEPT.) OF ONE (ONE) DAY PRIOR TO THE START OF CONSTRUCTION. IN CONSIDERATION WITH THE CONSTRUCTION OF THIS PROJECT, NOTIFICATION SHALL BE BY CERTIFIED LETTER WITH A COPY AND RETURN RECEIPT SUBMITTED TO THE ENGINEER. IN GENERAL, THE LENGTH OF LANE CLOSING INCLUDING TRAFFIC SHALL NOT EXCEED 60 FEET EXCEPT AS APPROVED BY THE CITY ENGINEER. DURING RESURFACING OPERATIONS, LENGTH OF RESTRICTED TRAFFIC ZONES SHALL BE KEPT TO A MINIMUM CONSISTENT WITH SPECIFICATION REQUIREMENTS FOR PROTECTION OF COMPLETED COURSE.

THESE NOTES AND ALL NOTES HEREINAFTER ARE INTENDED TO SUPPLEMENT THE CITY OF CLEVELAND STANDARD CONSTRUCTION AND MATERIAL SPECIFICATIONS DIVISION 6. THEY ARE INCLUSIVE AS RESPECTIVELY APPLICABLE TO THE PROJECT. NOTHING IN THESE NOTES SHALL BE CONSIDERED TO BE A REQUIREMENT UNLESS OTHERWISE NOTED. THESE NOTES DO NOT APPLY TO ANY OTHER PROJECTS.

CURB REPLACEMENT/UNDERDRAIN CONSTRUCTION:

REPLACEMENT CURBS SHALL BE CONSTRUCTED TO GENERALLY MATCH EXISTING CURB ELEVATIONS/GRADES WITH MINOR ADJUSTMENTS AS NEEDED TO RESULT IN A FINISHED CURB HEIGHT ABV. THE GUTTER UNDERDRAIN TO GENERALLY CONFORM APPLICABLE TRF. SLOPE TO REPAIRING C&I.

LIMITS:

THE LOCATION OF ALL EXISTING UTILITY FACILITIES ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF THE FIELD SURVEY IN ACCORDANCE WITH SECTION 151.64 OF THE OHIO REVENUE CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE EXISTING UTILITY OWNERS AND THE UTILITY LOCATIONS OF THE EXISTING UTILITY FACILITIES IN SECTION 151.64 OF THE OHIO REVENUE CODE AND OUTLINED HEREIN.

THE UTILITY DIMENSIONS ARE AS FOLLOWS:

CITY OF CLEVELAND DEPT. OF PUBLIC WORKS (440) 775-7231	COLUMBIA GAS & OIL 11111 COLUMBIA AVE CLEVELAND, OHIO 44130 (419) 334-9931
STATE ROUTE 513 CLEVELAND, OHIO 44104 (440) 775-7260	CHIEF CO-OP 23 E. COLLEGE STREET CLEVELAND, OHIO 44114 (440) 775-4801
WATER TREATMENT FACILITY PARKWAY ROAD 44074 CLEVELAND, OHIO 44130 (440) 775-7261	OHIO UTILITIES PROTECTION SERVICE 1-800-362-2704 (440) 775-7260
OHIO UTILITIES 288 S. PROSPERITY ST. CLEVELAND, OHIO 44114 (440) 775-7260	

SEEDING, MULCHING, AND EROSION CONTROL:

SEEDING CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OR FILL AND FINISHED GRAVING IN ACCORDANCE WITH ITEM 659 OF THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS OR AS DIRECTED BY THE CITY.

EROSION CONTROL MEASURES INCLUDING BUT NOT NECESSARILY LIMITED TO 18" SILT FENCE LOCATED AND CLEANED AS NEEDED SHALL BE PERFORMED BY THE CONTRACTOR AT THE COST THEREOF. SHALL BE INCLUDED IN THE ASSOCIATED CONTRACT ITEM.

RESTORATION OF ALL DISTURBED AREAS SHALL IMMEDIATELY FOLLOW EXCAVATION AND GRAVING. SEEDING SHALL BE APPROVED BY THE CITY ENGINEER AT THE CONTRACTOR'S EXPENSE.

ALL WORK SHALL BE COMPLETED PRIOR TO THE RELEASE OF FUNDS FOR GRAVING.

SEEDING AND MULCHING: IN ADDITION TO AREAS IN FRONT OF RESIDENCES REFERRED TO IN ITEM 659, THE SPECIAL PREPARATION SHALL EXTEND TO ENCLOSURES ALL IN ACCORD WITH PROJECT SPECIFICATIONS, OR AS DETERMINED IN THE FIELD FOR THE AREA CONCERNED.

RESIDENTIAL & URBAN AREAS
40 % KENTUCKY BLUE GRASS
30 % MANHATTAN OR PENNINE INTERGRASS
30 % CREEPING RED FESCUE

AT LOCATIONS SUCH AS INTERSECTING STREETS, PRIVATE LAWNS, OR PARKS, WHERE THE PROJECT SEEDING ADJOINS SEEDING OF A HIGHER TYPE OR QUALITY, THE CONTRACTOR SHALL ADJUST THE PROJECT SEEDING TO DUPLICATE OR MATCH THE HIGHER TYPE SEEDING.

ASPHALT EMULSION SHALL NOT BE USED TO PREVENT DISPLACEMENT OF MULCHING MATERIALS. REPLACEMENT OF APPROVED TAG-GRASS TO MAINTAIN MULCHING MATERIALS IN PLACE MAY BE REQUIRED. APPROVED TAG-GRASS SHALL BE APPLIED IN A MANNER THAT IT WILL BE USED. THE OPERATION OF THE TAG-GRASS SHALL NOT BE PERMITTED AT SUCH TIMES DEEMED APPROPRIATE FOR SEEDING.

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GENERAL MAINTENANCE OF SEEDING AREAS: THE CONTRACTOR IS REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY. AGRICULTURAL, LUMBER, COMMERCIAL FERTILIZER, WATER AND/OR MOWING SHALL BE PERFORMED AS NECESSARY TO ESTABLISH NECESSARY VEGETATION.

SEEDING, UNSEEDING, AS PER PLAN.

THE PREPARATION OF SEEDING AREAS SHALL INCLUDE TWO (2) INCHES OF TOPSOIL FURNISHED AND PLACED BENEATH THE SOIL IN ACCORDANCE WITH ITEM 651, EXCEPT THAT INITIAL TEST SAMPLING WILL NOT BE REQUIRED.

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL:

THE FOLLOWING SHALL BE PLACED BY THE CONTRACTOR WITH THE CITY ENGINEER'S CONCURRENCE FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

ITEM 677 - TEMPORARY SEEDING AND MULCHING
ITEM 677 - TEMPORARY SLOPE DRAIN
ITEM 677 - TEMPORARY SEDIMENT BASINS AND SEDIMENT DAMS
ITEM 677 - TEMPORARY PERIMETER FILTER FABRIC FENCE
ITEM 677 - TEMPORARY DITCH CHECK FILTER FABRIC FENCE
ITEM 677 - TEMPORARY SLOPE PROTECTION FILTER FABRIC FENCE
ITEM 677 - TEMPORARY DITCH PROTECTION
ITEM 677 - SEDIMENT REMOVAL
ITEM 601 - ROCK CHANNEL PROTECTION - TYPE C (WITH FILTER)
ITEM 601 - ROCK CHANNEL PROTECTION - TYPE C (WITHOUT FILTER)
ITEM 659 - MOWING
ITEM 659 - COMMERCIAL FERTILIZER
ITEM 659 - REPAIR SEEDING AND MULCHING
ITEM 659 - WATER

INLET PROTECTION (FILTER FABRIC, DICES OR OTHER BARRIER TYPES) INCLUDES ALL CATCH-INLET BASIN.

STREET SWEEPING/DUST/PAID CONTROL:

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN DUST CONTROL MEASURES THAT REDUCE AND/OR REMOVE FUGITIVE DUST IN THE PROJECT LIMITS, AND TRACKING FROM THE PROJECT LIMITS AS A RESULT OF DUST CONTROL MEASURES SHALL BE AVOIDED.

CONTRACTOR SHALL EXPECT THAT STREET SWEEPING/SWEEPING AND/OR DUST RETARDANT CHEMICALS BE USED ON AN AS NEEDED BASIS. THE COST OF SUCH MATERIALS SHALL BE INCLUDED IN THE UNIT PRICE FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE USE OF SUCH MATERIALS TO THE (THEIR) OF WORK RESULTING IN NEED FOR DUST/PAID CONTROL MEASURES.

PAVEMENT AND PAVING PREPARATION:

EXISTING PAVEMENT SURFACE VARIES THROUGHOUT PROJECT LENGTH. PAVEMENT PAVING TO BE PERFORMED IN ACCORDANCE WITH ITEM 254 AND WITHIN LIMITS INDICATED HEREINAFTER.

AREAS OF PLAVED SURFACE TO BE SELECTED AND MARKED, AS FOUND TO BE NEEDED, FOR PAVEMENT REPAIR.

PAVEMENT REPAIR TO GENERALLY BE IN ACCORDANCE WITH ITEM 215, 232, 253, 255 AND/OR 256AS LOCALLY APPLICABLE AND IN ACCORDANCE WITH THE HERETOFTER PLANS, SPECIFICATIONS, AND PROVISIONS OF THE CONTRACT BID PROPOSAL ITEMS.

NEW PAVEMENT AND CONSTRUCTION (THICK COAT, THICKNESS, AND WIDTHS) TO BE AS PER TYPICAL SPECIFICATIONS.

SEAL JOINTS WITH EXISTING PAVEMENT, VERTICAL CURBS AND STRUCTURES WITH GROUT JOINTS NOT APPLIED CRACK & JOINT SEALER AS PER ITEM 413. DO NOT SAW CUT SUCH JOINTS.

THE TOP OF EACH EXISTING CATCH BASIN GRATE SHALL BE FLUSH WITH THE PAVEMENT SURFACE. THE PAVEMENT SURFACE SHALL BE FINISHED WITH THE PAVEMENT PLANNING REPAIRAL OPERATION AND THE NEW PAVEMENT INSTALLATION SHALL BE USED TO RESULT IN MINIMUM REQUIRED PAVEMENT THICKNESS AROUND THE TOP EDGE OF ALL CURBS.

NOTES GENERAL AND SUPPLEMENTAL TO SPECIFICATIONS (THESE NOTES ARE A REQUIRED PART OF ALL IMPROVEMENT PLANS)

City of Clevelan
Public Works Department
65 South Main Street
Cleveland, Ohio 44114
Tel: (440) 775-7200

Scale:
Date: 1/20/09
Project No.: 09-00

Drawn by: DUF
Checked by: J
Sheet 2 of 7

GENERAL NOTES:

(CONTINUED)

EARTHWORK OPERATIONS:

ALL EXCAVATED MATERIAL AND ALL MATERIAL USED IN CONSTRUCTION OF THIS PROJECT SHALL BE PROPERLY STORAGED AND MAINTAINED IN A NEAT MANNER THAT WILL NOT INTERFERE WITH THE WORK AND THAT WILL LEAVE DRAINAGE, HYDRAULIC, UNDER PRESSURE, VALVE PIT COVERS, FIRE AND POLICE CALL BOXES, OR OTHER UTILITY CONTROLS UNOBSTRUCTED AND ACCESSIBLE. EXCAVATED MATERIAL IS BEING CONSTRUCTED. EXCAVATED MATERIAL SHALL BE REMOVED FROM THE PROJECT AREA AS DIRECTED BY THE ENGINEER. DRINKING WATER MAINS, STREET DRAINAGE, AND WATERCOURSES SHALL BE KEPT CLEAR AND UNOBSTRUCTED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT.

THE DESIGNATED AREAS OF EXCAVATION AND FILL SHALL BE CLEARED AND STRIPPED BY THE CONTRACTOR PRIOR TO THE START OF ANY EARTHWORK OPERATIONS.

THE CONTRACTOR SHALL STRIP ALL TOPSOIL FROM THE RIGHT-OF-WAY AND OTHER WORK AREAS AND STOCKPILE THE TOPSOIL IN THE AREAS DESIGNATED BY THE OWNER FOR RESEEDING.

CLEARING AND GRUBBING SHALL BE PERFORMED WITHIN THE ENTIRE RIGHT-OF-WAY AND EXISTENT AREAS. CLEARING AND GRUBBING SHALL ALSO INCLUDE TREE REMOVAL.

THE CONTRACTOR SHALL PLACE AND COMPACT ALL SURFACE FILL MATERIAL EXCAVATED DURING HIS CONSTRUCTION OPERATIONS WITHIN THE FILL AREAS DESIGNATED IN THE EMBANKMENT PLANS. THE FINAL GRADE OF THE EXCAVATED AND FILL AREAS SHALL CORRESPOND TO THE PROPOSED GRADES AS SHOWN ON THE PLANS. EMBANKMENT SHALL BE PROPOSED AND TESTED IN ACCORDANCE WITH ODOT, ITEM 604, WITH ADDITIONAL DIRECTION FROM THE OWNER'S GEOTECHNICAL ENGINEER.

A MINIMUM OF TWO (2) "PROOF ROLLING" WILL BE REQUIRED AS DIRECTED BY THE CITY ENGINEER BEFORE PAVING. THE FIRST PROOF ROLLING SHALL BE PERFORMED AFTER THE BEST COMPLETED AFTER FINAL GRADING. PRIOR TO PAVING, THE SUBGRADE SHALL BE "PROOF ROLLED" AGAIN AND ALL NECESSARY SUBGRADE REPAIRS MADE AS DIRECTED BY THE ENGINEER.

ALL COMPACTION TESTING REQUIRED BY THE ENGINEER SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL RE-SEED AND INSTALL JUTE MATING IN ALL AREAS OF THE EMBANKMENT, OTHERWISE ESTABLISH THE PROPOSED VEGETATION.

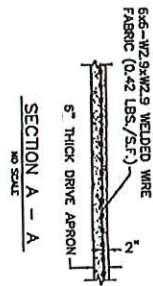
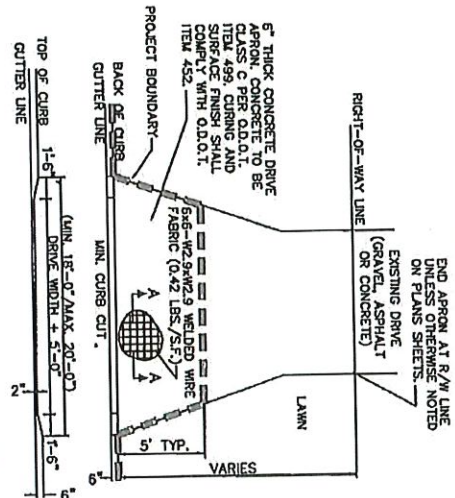
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REFERENCE ONLY
4/9/25

City of Orem
Public Works Department
83 South Main Street
Orem, Utah 84401
Ph. (435) 771-5037 Fax (435) 775-7208

NOTES
GENERAL AND SUPPLEMENTAL TO SPECIFICATIONS
(THESE NOTES ARE A REQUIRED PART OF ALL IMPROVEMENT PLANS)

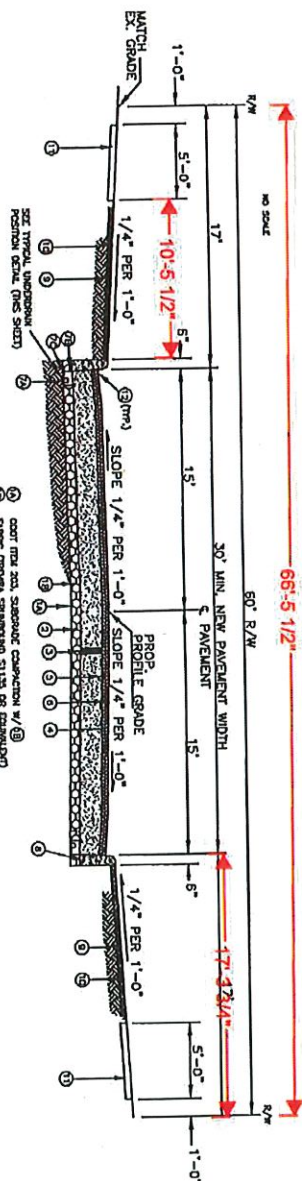
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Date: 1/20/09
Project No.: 09-09

Drawn by: DWF
Checked by:
Sheet 3 of 7



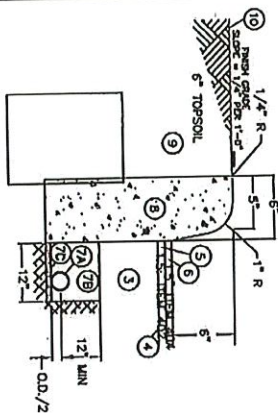
- NOTES:
- 1) GRADING ON DRIVE APRON TO MATCH EXISTING DRIVE
 - 2) AT EXISTING COMBINED CURB & CUTTER, CURB & CUTTER SHALL BE INCLUDED IN CURB CUT.

DRIVE APRON DETAIL



- NOTES:
1. ALL EXPOSED SURFACES OF CONCRETE CURB SHALL HAVE A BRUSH FINISH.
 2. GUTTER SEAL PAVEMENT SHALL BE INCLUDED IN THE PER FOR 10' MIN. 40', ASPHALT CONCRETE.
 3. ITEMS (4) THRU (9) INCLUSIVE TO BE AS PER APPLICABLE TYPICAL PAVEMENT SECTION.
 4. PAVEMENT AND BASE THICKNESS SHOWN APPLY ONLY TO LOCAL RESIDENTIAL.

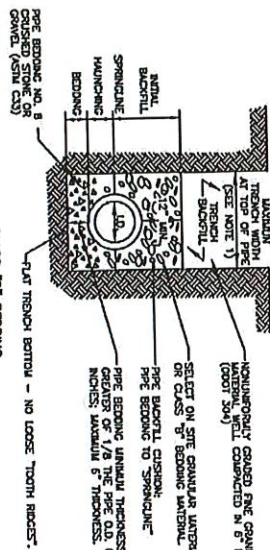
CURB / DRAIN DETAIL (TYPE 6 VERTICAL CURB)



TYPICAL PAVEMENT SECTION - LOCAL RESIDENTIAL

- NOTES:
1. ALL EXPOSED SURFACES OF CONCRETE CURB SHALL HAVE A BRUSH FINISH.
 2. GUTTER SEAL PAVEMENT SHALL BE INCLUDED IN THE PER FOR 10' MIN. 40', ASPHALT CONCRETE.
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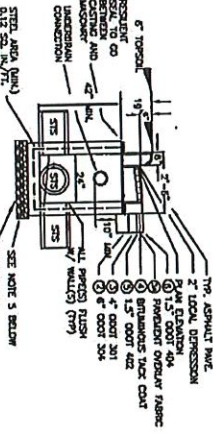
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4/9/25



1. MAXIMUM TRENCH WIDTH AT TOP OF PIPE SHALL BE 0.1 PLUS 2\"/>
- 2. 24\"/>
- 3. ALL BEDDING SHALL BE CLASS B\"/>
- 4. CLASS B\"/>
- 5. CLASS B\"/>
- 6. ALL BEDDING TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY, TYPE 5 MODIFIED TO INCLUDE 12\"/>
- 7. ALL BEDDING TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY, TYPE 5 MODIFIED TO INCLUDE 12\"/>
- 8. ALL BEDDING TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY, TYPE 5 MODIFIED TO INCLUDE 12\"/>
- 9. ALL BEDDING TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY, TYPE 5 MODIFIED TO INCLUDE 12\"/>
- 10. TO THE TOP OF BEDDING OF PAVEMENT THE TRENCH CROSSES.

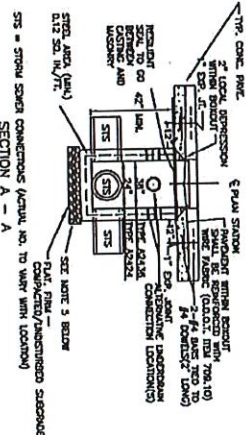
TRENCH & BEDDING DETAILS

NO SCALE



SECTION B - B
SEE NOTE 3 BELOW
SEE NOTE 5 BELOW
SEE NOTE 6 BELOW
SEE NOTE 7 BELOW
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SEE NOTE 9 BELOW
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SEE NOTE 100 BELOW

1. ALL WORK SHALL CONFORM TO ODOT ITEM 604.
2. IF PRECAST UNITS ARE USED, THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL. PRECAST UNITS SHALL CONFORM TO ODOT ITEM 499.
3. ALL CONCRETE SHALL CONFORM TO ODOT ITEM 499.
4. CLASS C\"/>
- 5. THE ENTIRE BASIN SHALL BE SET ON 4\"/>
- 6. MECHANICALLY COMPACTED IN 6\"/>
- 7. PRECAST UNITS SHALL BE SET ON 4\"/>
- 8. CONCRETE ON CHUTE SHALL BE SET ON 4\"/>
- 9. 2500 PSI DRY CONCRETE UNITS SHALL BE USED AFTER APPROVAL BY THE CITY ENGINEER.

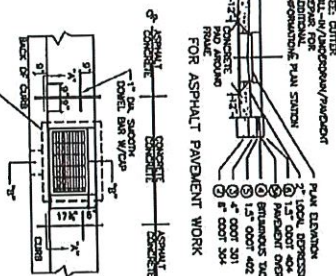


SECTION A - A

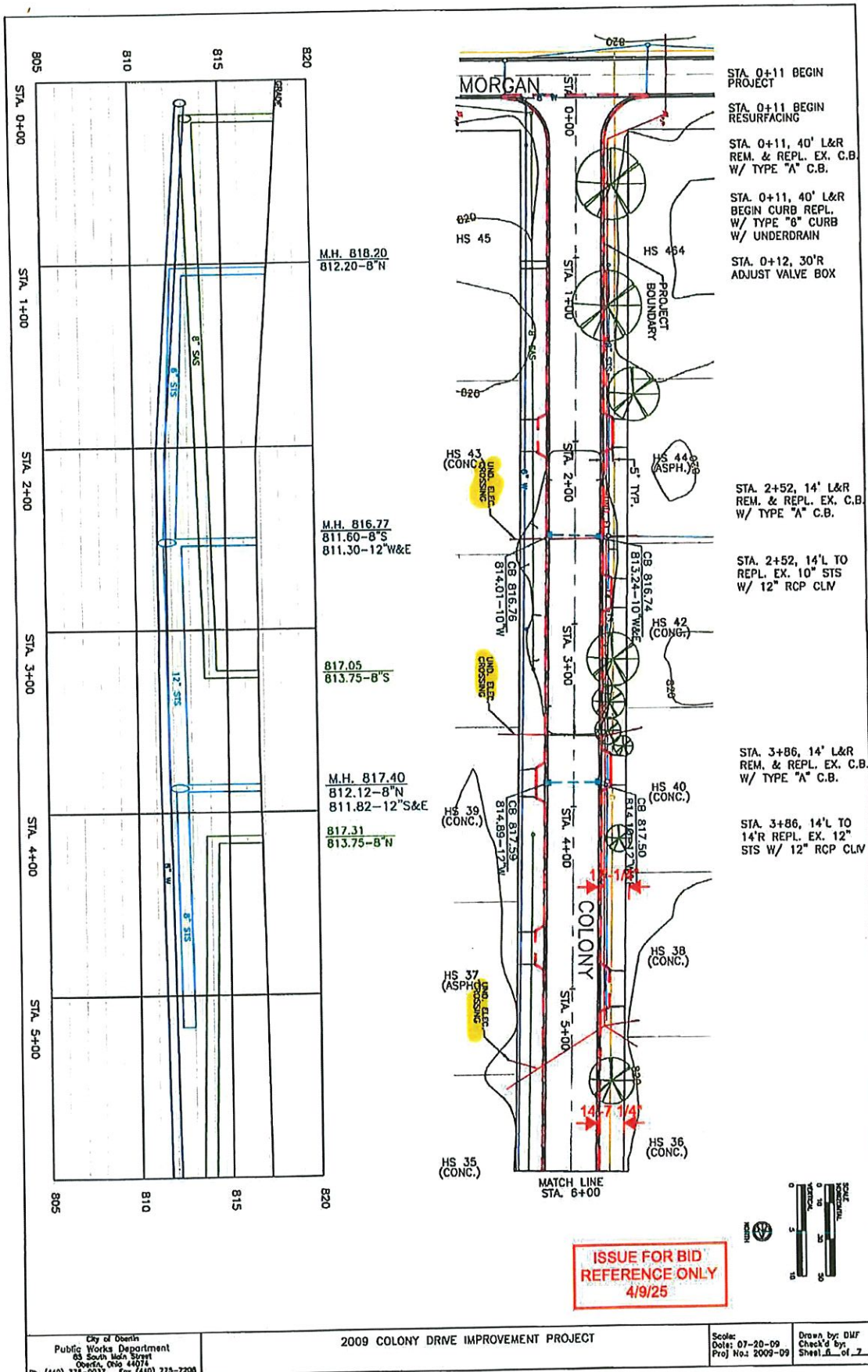
WALL CURB INLET BASIN & BOX-OUT DETAIL

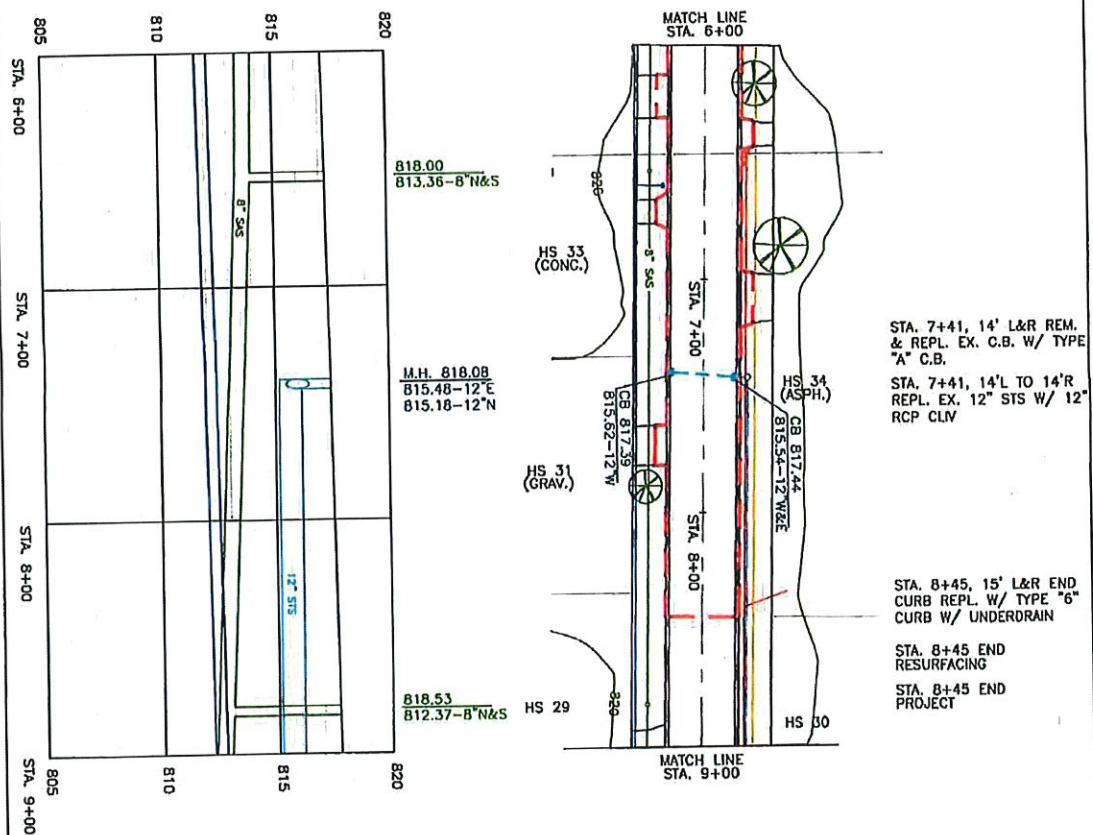
TYPE 62424/62435
NO SCALE

1. FLEXIBLE BOOT PIPE TO M.H. CONNECTIONS - DO NOT GROUT ANNUAL SPACE AROUND PIPE.
2. PRE TO M.H. CONNECTIONS WITHOUT FLEXIBLE BOOT GROUT SHALL BE SET IN PLACE AND GROUTED WITH M.H. WALL.
3. FLEXIBLE BOOT MAY BE CAST-IN PLACE OR FIELD INSTALLED EXPANSION AGAINST O.D. OF PIPE OPEN IN M.H. WALL.
4. DO NOT USE CONCRETE BRICK TO ADJUST CASTING TO GRADE.
5. ALL CASTINGS ARE TO BE ADJUSTED TO GRADE BY USING EITHER MASONRY GRADE ADJUSTING RINGS - SET WITH RESIDENT SEAL (SEE NOTE 11).
6. MASONRY GRADE ADJUSTMENT SHALL BE IN THE RANGE 3\"/>
- 7. ONE COURSE OF HARD CLAY OR SHALE BRICK MAY BE USED TO GRADE ADJUSTMENT.
- 8. CONCRETE BRICK ARE NOT TO BE USED.
- 9. ALL PRECAST SECTIONS SHALL BE SET ON 4\"/>
- 10. ALL STEPS ARE TO BE LINED UP IN ONE PLANE. TRENCH CENTERLINE AND ARE NOT TO BE RUN WITH PIPE IN OR OUT OF STRUCTURE.
- 11. RESIDENT SEAL STRIP SHALL BE ECO-SEAL, STAIN-FLEX OR EQUIVALENT PRODUCT.
- 12. PRECAST UNITS SHALL BEAR ON 4\"/>
- 13. 2500 PSI DRY CONCRETE UNITS (6\"/>
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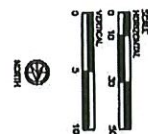


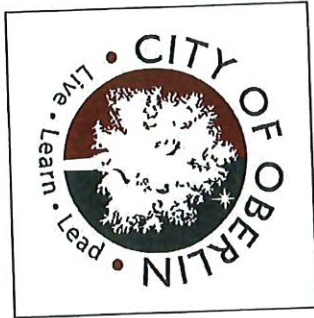
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4/9/25





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4/9/25





CONTRACT 2021-04 HAWTHORNE & COLONY DRIVE PAVEMENT IMPROVEMENTS SUMMER 2021

ISSUE FOR BID
 REFERENCE ONLY
 4/9/25

PROJECT OFFICIALS

PUBLIC WORKS DIR.....JEFF BAUMANN
 CITY ENGINEER.....RANDALL ROBERTS
 ENGINEER TECH.....JORDAN IRVIN

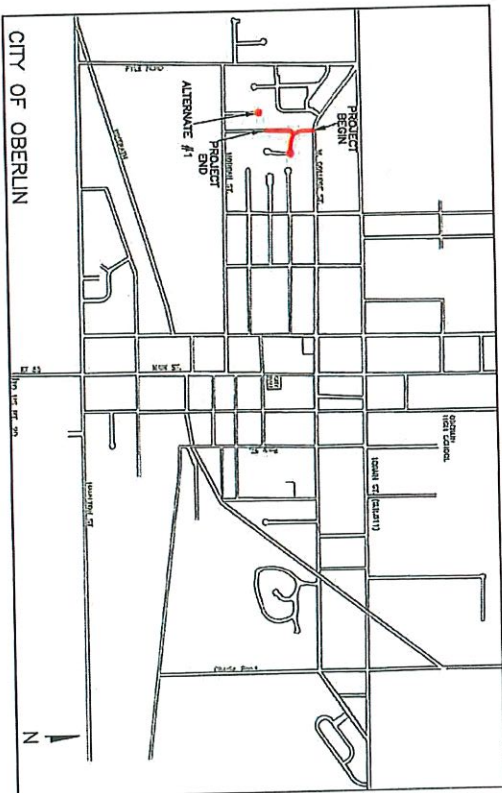
CITY OFFICIALS

CITY MANAGER.....ROB HILLARD
 FINANCE DIRECTOR.....SAL TALARICO
 COUNCIL CLERK.....BELINDA ANDERSON
 LAW DIRECTOR.....ION CLARK

CITY COUNCIL

PRESIDENT.....LINDA SLOCUM
 VICE-PRESIDENT.....HEATHER ADELMAN
 MEMBER.....RAY ENGLISH
 MEMBER.....ELIZABETH MEADOWS
 MEMBER.....KRISTEN PETERSON
 MEMBER.....MARY PRICE
 MEMBER.....KELLY SINGLETON

PRODUCED BY:
 CITY OF OBERLIN
 85 SOUTH MAIN STREET
 OBERLIN, OHIO 44074
 (440) 776-0037



LOCATION MAP

Randall Roberts
 RANDALL ROBERTS - CITY ENGINEER PE 64775 DATE 4/1/21



SHEET INDEX

TITLE SHEET	1
GENERAL NOTES	2-3
LAYOUT PLAN	4-6
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Alternate #1: Fairway Drive	9

APPROVALS

Rob Hillard
 ROB HILLARD - CITY MANAGER DATE 4-1-2021
Jeff Baumann
 JEFF BAUMANN - PUBLIC WORKS DIRECTOR DATE 4-1-2021



Ohio Utilities Protection Service
 TWO WORKING DAYS
 NOTICE REQUIRED
 NON-EMERGENCY
 1-800-487-4874

THESE NOTES AND ALL NOTES HEREAFTER ARE INTENDED TO SUPPLEMENT THE CITY OF OAKLAND STANDARD CONSTRUCTION AND MATERIAL SPECIFICATIONS AND SHALL BE INCORPORATED AS NECESSARILY APPLICABLE TO THE PROJECT. ONLY THE SAID SPECIFICATIONS AND THE HEREAFTER PLANS ARE REQUIRED ELEMENTS OF THE PROJECT CONSTRUCTION CONTRACT. ACCORDINGLY, PLANS SHALL NOT BE ISSUED WITHOUT THE SAID SPECIFICATIONS INCLUDED THEREWITH. NOTIFICATION HEREOF WILL BE FURNISHED TO THE ARCHITECT BY THE CITY OF OAKLAND. THE LATEST STANDARD SPECIFICATIONS APPLIED THROUGHOUT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING STRUCTURES OR PROPERTY AND SHALL REPAIR OR REPLACE ALL DAMAGES AT HIS OWN EXPENSE.

UPON COMPLETION OF CONSTRUCTION, THE WORK AREA SHALL BE RETURNED AS NEAR AS POSSIBLE TO ITS ORIGINAL CONDITION.

ALL DISTURBED DRAINAGE CHANNELS, SWALES, DITCHES, AND BERMES THAT ARE NOT TO BE RECONSTRUCTED BY THE PROJECT, SHALL BE RESTORED TO THEIR ORIGINAL SHAPE AND SIZE. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL LOCATION AND GRADE. ALL CULVERTS SHALL BE REPLACED IN THEIR ORIGINAL LOCATION AND GRADE.

THE CONTRACTOR SHALL WORK WITHIN THE DESIGNATED STREET RIGHT-OF-WAY WHILE CONSTRUCTING THIS PROJECT UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.

TRAFFIC CONTROL:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL TESTING AND ALL PERMITS REQUIRED FOR THIS PROJECT.

THE CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC AND THE PROTECTION OF THE TRAVELING PUBLIC APPROACHING THE CONSTRUCTION AREA AND WITHIN THE LIMITS OF THE CONSTRUCTION, DEPENDING ON THE TYPE AND LOCATION OF THE CONSTRUCTION, THE CONTRACTOR SHALL FURNISH, ERECT, PLACE, AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND ALL OTHER THINGS DURING HOURS OF CONSTRUCTION AND AT ALL OTHER TIMES IN ACCORDANCE WITH ODOT REQUIREMENTS. CONSTRUCTION SHALL ALSO PROVIDE TRAFFIC CONTROL/DEVIATION ROUTE WADS

IMMEDIATELY UPON COMPLETION OF THE WORK, THE TRAFFIC CONTROL AND CONSTRUCTION SIGNS AND DEVICES SHALL BE REMOVED BY THE CONTRACTOR AND UNLESS OTHERWISE SPECIFIED IN THE SPECIFICATIONS WILL REMAIN HIS PROPERTY. THE CITY WILL REMOVE ANY TRAFFIC CONTROL AND CONSTRUCTION SIGNS AND DEVICES ERECTED BY CITY FORCES.

ALL TRAFFIC CONTROL AND CONSTRUCTION SIGNS AND DEVICES SHALL BE IN PLACE AND INSPECTED BY THE CITY ENGINEER OR HIS REPRESENTATIVE BEFORE WORK BEGINS.

ALL SIGNS NOT IN USE SHALL BE EITHER COVERED OR REMOVED FROM SIGHT.

THE CONTRACTOR SHALL NOTIFY ALL EMPLOYMENT AND PUBLIC SERVICES (FIRE DEPT., POLICE DEPT., ABUSE/HOPE, SCHOOL, AND POST OFFICE) ONE WEEK PRIOR TO ANY ROAD CLOSINGS OR DETOURS IN CONSIDERATION OF THE CONTRIBUTION OF THIS CONTRACT. NOTIFICATION SHALL BE SUBMITTED LETTER WITH A COPY AND RETURN RECEIPT SUBMITTED TO THE ENGINEER.

IN GENERAL, THE LENGTH OF ANE CLOSING INCLUDING TRAVEL SHALL NOT EXCEED 300 FT., EXCEPT AS APPROVAL BY THE CITY ENGINEER. DURING RESURFACING OPERATIONS, LENGTH OF RESTRICTED TRAFFIC CLOSURES BE KEPT TO A MINIMUM CONSISTENT WITH SPECIFICATION REQUIREMENTS FOR PROTECTION OF COMPLETED COURSE.

REPLACEMENT CURBS SHALL BE CONSTRUCTED TO GENERALLY MATCH EXISTING CURB ELEVATIONS/GRADES W/MINOR ADJUSTMENT AS NEEDED TO RESULT IN 6" FINISHED CURB HEIGHT ABOVE FIN. GUTTER. UNDERDRAIN TO GENERALLY CONFORM APPLICABLE TYP. SECTION SLAB TO RECEIVING CB.

NEW CURBS SHALL BE PINNED TO ADJACENT EXISTING CURBS W/
AT LEAST TWO (2) 5/8" MIN. DIAMETER STEEL BARS.

THE LOCATIONS OF ALL EXISTING UTILITY FACILITIES ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF THE FIELD SURVEY. IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF THE EXISTING UTILITY OWNERS AND THE UTILITY PROTECTION SERVICE IN ACCORDANCE WITH SECTION 153.66 OF THE OHIO REVISED CODE AND OUTLINED HEREIN.

THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

CITY OF DESHUA
CITY OF DESHUA WORKS
(440) 773-2118
(440) 773-2118
WESTWATER RECREATION FACILITY
DESHUA, OHIO 44074
(440) 773-2760
WATER TREATMENT PLANT
DESHUA, OHIO 44074
(440) 773-2760
DESHUA NATIONAL LIGHT AND POWER
223 S. PROSPECT AVE.
DESHUA, OHIO 44074
(440) 773-2760
2101 NORTH HOSE ROAD EAST
DESHUA, OHIO 44003
(440) 773-2760
C-2-P
22 S. COLLIER STREET
DESHUA, OHIO 44074
(440) 773-2001
PONTIAC CHALMERS
200 DUNDAS AVE.
DESHUA, OHIO 44074
1-800-773-2760
400 TULIPS RECREATION SERVICE
811 S. PROSPECT AVE.
(440) 773-2760

SEMI-ANNUAL INSPECTION SHALL BE ACCOMPLISHED BY SEEDING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OR FILL AND FINISHED GRADING IN ACCORDANCE WITH ITEM 659 OF THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS OR AS DIRECTED BY THE CM.

ALL WORK SHALL BE COMPLETED PRIOR TO THE RELEASE OF FUNDS FOR GRADING.

659.09 SEEDLING AND MULCHING. IN ADDITION TO AREAS IN FRONT OF RESIDENCES REFERRED TO IN 659.08, THE SPECIAL PREPARATION SHALL EXTEND TO ENCUMBRANCES, ALL LAWNS AND/OR LAWN-LIKE AREAS. THE MIXTURE OF SEEDS TO BE USED SHALL BE IN ACCORD WITH PROJECT SPECIFICATIONS, OR AS DETERMINED IN THE FIELD FOR THE AREA CONCERNED.

AT LOCATIONS SUCH AS INTERSECTING STREETS, PRIVATE LAWNS, OR PARKS, WHERE THE PROJECT SEEDING ADJOINS SEEDING OF A HIGHER TYPE OR QUALITY, THE CONTRACTOR SHALL ADJUST THE PROJECT SEEDING TO DUPLICATE OR MATCH THE HIGHER TYPE SEEDING.

ASPHALT EMULSION SHALL NOT BE USED TO PREVENT DISPLACEMENT OF MULCHING MATERIALS. REAPPLICATION OF APPROVED TACKCOATERS TO MAINTAIN MULCHING MATERIALS IN PLACE MAY BE REQUIRED. APPROVED HYDRO-SEEDING/MULCHING MATERIALS ARE ENCOURAGED AND MAY BE USED. THE OPERATION OF THE ACTUAL METHODS ARE ENCOURAGED AND MAY BE USED. THE OPERATION OF THE ACTUAL SEED SOWING WILL NOT BE PERMITTED AT SUCH TIMES DEEMED UNPROPER FOR SEEDING.

~~6359.091 MAINTENANCE OF SEEDED AREAS: THE CONTRACTOR IS REQUIRED TO ESTABLISH A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY.~~

AGRICULTURAL LIMING, COMMERCIAL FERTILIZER, WATER AND/OR MOWING SHALL BE PERFORMED AS NECESSARY TO ESTABLISH NECESSARY VEGETATION.

SODDING. UNSTAKED. AS PER PLAN

THE PREPARATION OF SODDED AREAS SHALL INCLUDE TWO (2) INCHES OF TOPSOIL FURNISHED AND PLACED BENEATH THE SOO IN ACCORDANCE WITH ITEM 653, EXCEPT THAT IGNITION TEST SAMPLING WILL NOT BE REQUIRED.

THE FOLLOWING SHALL BE PLACED BY THE CONTRACTOR WITH THE CITY ENGINEER'S CONCURRENCE FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

- TEMPORARY SEEDING AND MULCHING
- TEMPORARY SLOPE DRAP
- TEMPORARY SEDIMENT BASIN AND SEDIMENT DAMS
- TEMPORARY PERIMETER FENCE
- TEMPORARY PERIMETER FENCE FABRIC FENCE
- TEMPORARY INLET PROTECTION FILTER FABRIC FENCE
- TEMPORARY DICES
- TEMPORARY DITCH PROTECTION
- SEDIMENT REMOVAL
- ROCK CHANNEL PROTECTION – TYPE C (WITH FILTER)
- ROCK CHANNEL PROTECTION – TYPE C (WITHOUT FILTER)
- MUNING
- COMMERCIAL FERTILIZER
- REPAIR SEEDING AND MULCHING
- WATER

INLET PROTECTION (FILTER FABRIC, DIKES OR OTHER BARRIER TYPES) INCLUDES ALL CATCH/INLET BASIN.

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN DUST CONTROL MEASURES THAT REDUCE AND/OR REMOVE FLUENT DUST IN THE PROJECT LIMITS AND TRACING FROM THE PROJECT LIMITS AS A RESULT OF DUST CONTROL MEASURES SHALL BE AVOIDED.

CONTRACTORS SHALL EXPECT THAT STREET WASHING/SWEETING AND/OR DUST RETARDANT CHEMICALS BE USED ON AN AS NEEDED BASIS. THE COST OF SAID SHALL BE INCLUDED IN THE UNIT/LUMP SUM PRICES BID RESPECTIVE TO THE ITEM(S) OF WORK RESULTING IN NEED FOR DUST/AUD CONTROL MEASURES.

EXISTING PAYEMENT SURFACE VARIES THROUGHOUT PROJECT LENGTH

PAVEMENT PLANNING TO BE PERFORMED IN ACCORDANCE WITH ODOT 254 AND WITHIN LIMITS INDICATED HEREINAFTER.

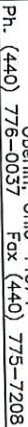
AREAS OF PLANNED SURFACE TO BE
BE NEEDED, FOR PAVEMENT REPAIR.

PAYMENT REPAIR TO GENERALLY BE IN ACCORDANCE WITH ODOT 215, 252, 253, 255 AND/OR 256 AS LOCALLY APPLICABLE AND IN ACCORDANCE WITH THE MASTER PLAN, SPECIFICATIONS, AND PROVISIONS OF THE CONTRACT BID PROPOSAL ITEMS.

NEW PAVEMENT AND CONSTRUCTION (TRUCK COAT, THICKNESS, AND WIDTHS) TO BE AS PER TYPICAL SECTIONS.

SEAL JOINTS WITH EXISTING PAVEMENT, VERTICAL CURBS AND STRUCTURES WITH DDOT 753.04 HOT APPLIED CRACK & JOINT SEALER AS PER DDOT 413. DO NOT SAW CUT SUCH JOINTS.

16. THE TOP OF EACH EXISTING CATCH BASIN GRATE SHALL BE FLUSH WITH THE FINISHED SURFACE OF THE NEW PAVEMENT. FEATHERING TECHNIQUES DURING PAVEMENT PLACING/REMOVAL OPERATION AND THE NEW PAVEMENT INSTALLATION SHALL BE USED TO RESULT IN MINIMUM REQUIRED PAVEMENT THICKNESS AROUND THE TOP EDGE OF ALL CASTINGS.



Project No. 2021-04

Date: 4/1/21

Drawn By: JI

City of Oberlin

Public Works Department
85 South Main Street
Boston, MA 02109
Tel: 617-407-4074

776-0037 Fax (440) 775-7208

Hawthorne & Colony Drive: Pavement Improvements

Project No. 2004-04

REVISIONS		Notes SHEET: 2 of 9

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(CONTINUED)

ALL EXCAVATED MATERIAL AND ALL MATERIAL USED IN CONSTRUCTION OF THIS PROJECT SHALL BE KEPT TRIMMED UP AND MAINTAINED IN A NEAT MANNER THAT WILL NOT ENDANGER THE WORK AND THAT WILL LEAVE DRAINWAYS, HYDROPINS BOXES, UNDER PRESSURE VALVE PIT COVERS, VALVE BOXES, ETC., EASILY ACCESSIBLE WHILE THIS PROJECT OR OTHER UTILITY CONSTRUCTION IS IN PROGRESS. EXCAVATED MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE AS DIRECTED BY THE ENGINEER, DITCHES, STREET DRAINAGE, AND NATURAL DRAINAGE COURSES SHALL BE KEPT CLEAR AND UNOBSTRUCTED AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT.

THE CONTRACTOR SHALL STRIP ALL TOPSOIL FROM THE RIGHT-OF-WAY AND OTHER WORK AREAS AND STOCKPILE THE TOPSOIL IN THE AREAS DESIGNATED BY THE OWNER FOR RESPREADING.

THE CONTRACTOR SHALL PLACE AND COMPACT ALL SUITABLE FILL MATERIAL EXCAVATED DURING HIS CONSTRUCTION OPERATIONS WITHIN THE FILL AREAS DESIGNATED ON THE IMPROVEMENT PLANS. THE FINAL GRADE OF THE EXCAVATED AND FILLED AREAS SHALL CORRESPOND TO THE PROPOSED GRADES AS SHOWN ON THE PLANS. EMBANKMENT SHALL BE PERFORMED AND TESTED IN ACCORDANCE WITH O.D.O.T. ITEM 205 WITH ADDITIONAL DIRECTION FROM THE OWNER'S GEOTECHNICAL ENGINEER.

A MINIMUM OF TWO (2) "PROOF ROLLING" WILL BE REQUIRED AS DIRECTED BY THE CITY ENGINEER BEFORE PAVING. THE FIRST "PROOF ROLLING" SHALL BE PERFORMED AFTER THE INSTALLATION OF UNDERDRAIN IMPROVEMENTS AND ROUGH GRADING HAS BEEN COMPLETED AFTER TYPICAL AND ALL NECESSARY SUBGRADE REPAIRS HAVE BEEN MADE AS DIRECTED BY THE ENGINEER. ALL COMPACTION TESTING REQUIRED BY THE ENGINEER SHALL BE AT THE CONTRACTORS EXPENSE.

THE CONTRACTOR SHALL RE-SEED AND INSTALL JUTE MATTING IN ALL AREAS OF THE EMBANKMENT, OTHERWISE ESTABLISH THE PROPOSED VEGETATION.

THIS ITEM OF WORK INCLUDES ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO INSTALL A RISER TO RAISE A MANHOLE AT SPECIFIED LOCATIONS WHERE A MANHOLE IS TO BE RAISED TO THE SURFACE OF THE EXISTING PAVEMENT OR TO A PROPOSED PAVEMENT SURFACE.

THE CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF MANHOLES FOR INSTALLATION OF RISER RINGS. RISER RINGS SHALL BE PER ANDREWS METAL PRODUCTS OR APPROVED EQUAL.


THE CONTRACTOR IS RESPONSIBLE FOR TRIMMING & PRUNING OF TREES AND BRUSH INTERFERING WITH THE PROJECT PATH. BRANCHES AND BRUSH REMOVED AS A RESULT OF THIS MAINTENANCE SHALL BE REMOVED AND DISPOSED OF BY CONTRACTOR. TRIMMING AND PRUNING SHALL BE IN ACCORDANCE WITH ANSI A300, OSHA & PUC REGULATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONUMENT BOX PINS AND WITNESS MONUMENTS TO BE SET PRIOR TO THE FINAL PAYMENT AND RELEASE. THESE PINS AND MONUMENTS SHALL BE SET BY A REGISTERED OHIO SURVEYOR. THE COST SHALL BE INCLUDED IN THE PRICE BID.

THE CONTRACTOR IS AUTHORIZED TO VEST CLEAN FILL AT THE CITY'S BORROW PIT LOCATED AT RD. 3225 WEST HAMILTON ST. IN THE CITY OF OBERLIN AT THE LOCATION SPECIFIED BY THE CITY ENGINEER. CLEAN FILL MAY INCLUDE UNCOMPACTED FILL, STONE, SAND, SOILS, INCIDENTAL ORGANIC MATTER AND INCIDENTAL SMALL DEBRIS ONLY. THE CONTRACTOR IS NOT AUTHORIZED TO DISPOSE OF CONCRETE, BRICK, MASONRY, BRUSH, WOOD, STUMPS, OR ANY OTHER SOLID OR HAZARDOUS WASTE. MATERIALS PLACED BY THE CONTRACTOR ARE SUBJECT TO THE CITY'S INSPECTION AND MAY BE REJECTED AT THE CITY'S SOLE DISCRETION IF SAID MATERIALS ARE FOUND TO CONTAIN PROHIBITED FILL MATERIAL. IN THE EVENT SAID MATERIALS ARE REJECTED BY THE CITY, CONTRACTOR SHALL REMOVE SAID MATERIALS WITHIN THREE (3) BUSINESS DAYS FOR PROPER DISPOSAL AT A FACILITY LICENSED TO ACCEPT SUCH MATERIALS. IN THE EVENT THE CONTRACTOR FAILS TO REMOVE SAID MATERIALS WHEN IT HAS BEEN SO DIRECTED BY THE CITY, THE CITY MAY ELECT TO HAVE SAID MATERIALS REMOVED AND PROPERLY DISPOSED WITH SAID REMOVAL AND PROPER DISPOSAL. CONTRACTOR SHALL BE RESPONSIBLE TO THE SATISFACTION OF THE CITY.

ISSUE FOR BID
REFERENCE ONLY
4/9/25

Mill Depth = 3.25"



City of Oberlin

Public Works Department

85 South Main Street

Oberlin, Ohio 44074

Ph. (440) 776-0037

Fax (440) 775-7208

Hawthorne & Colony Drive: Pavement Improvements

Project No. 2021-04

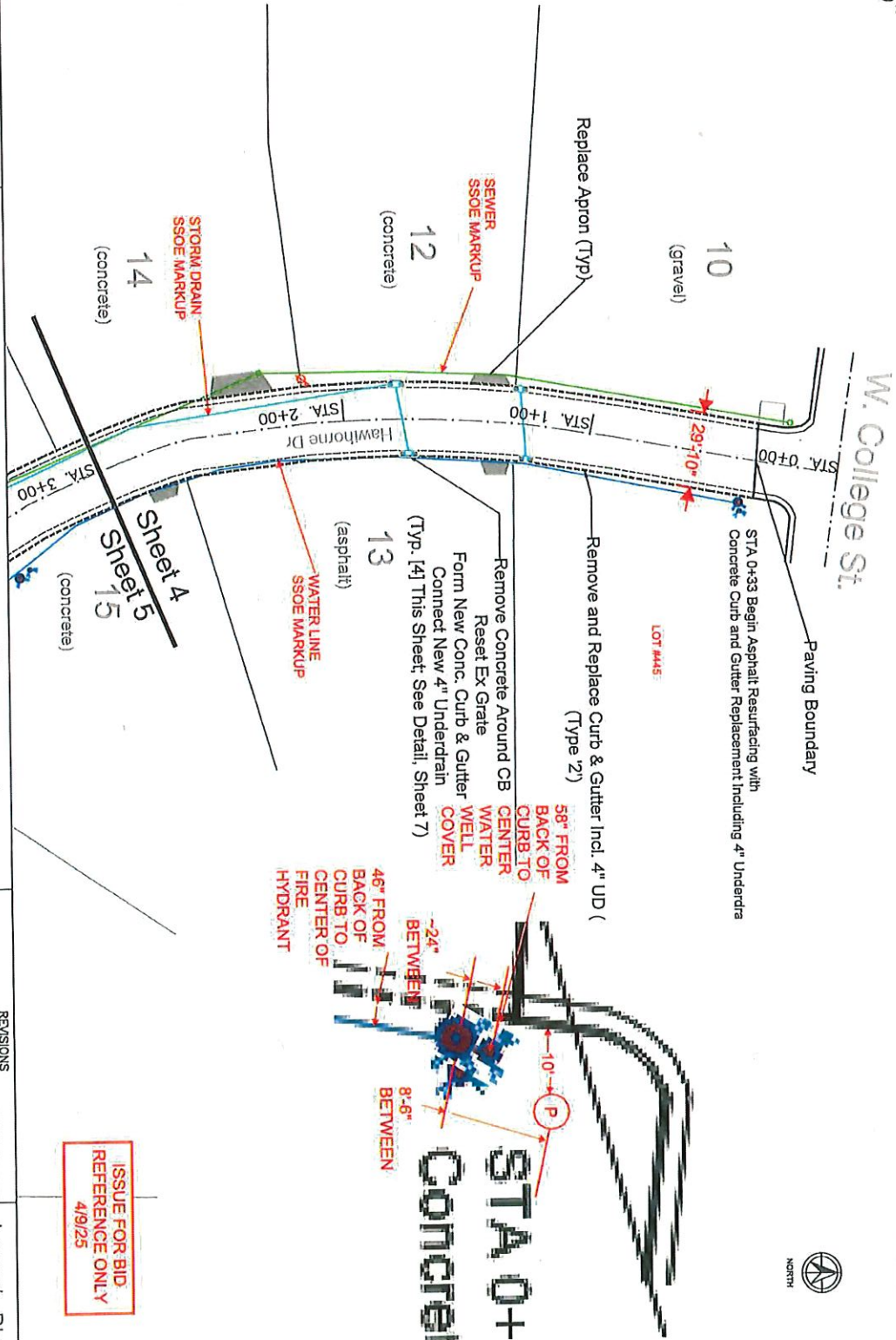
Date: 4/1/21

Drawn By: JI

REVISIONS	

Layout Plan

SHEET 4 OF 9

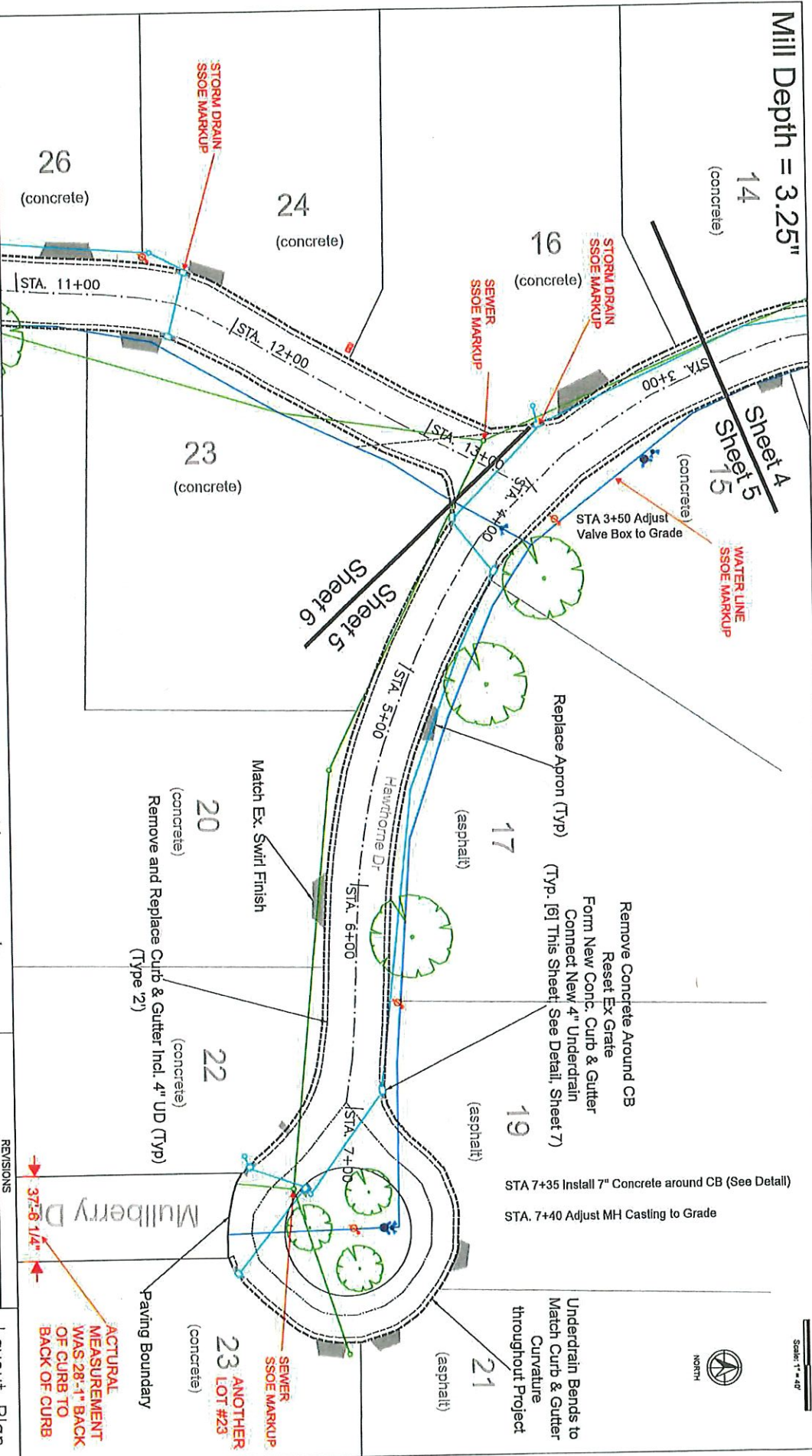



14
(concrete)

WATER LINE
SDE MARKU

Sheet 5
Sheet 15

Scale: 1" = 40'



 <p>City of Oberlin Public Works Department 85 South Main Street Oberlin, Ohio 44074 Ph. (440) 776-0037 Fax (440) 775-7208</p>	<p>Hawthorne & Colony Drive: Pavement Improvements</p>				<p>Layout Plan</p>
	<p>Project No. 2021-04</p>	<p>Date: 4/1/21</p>			
					<p>SHEET: 5 of 9</p>

[illegible]

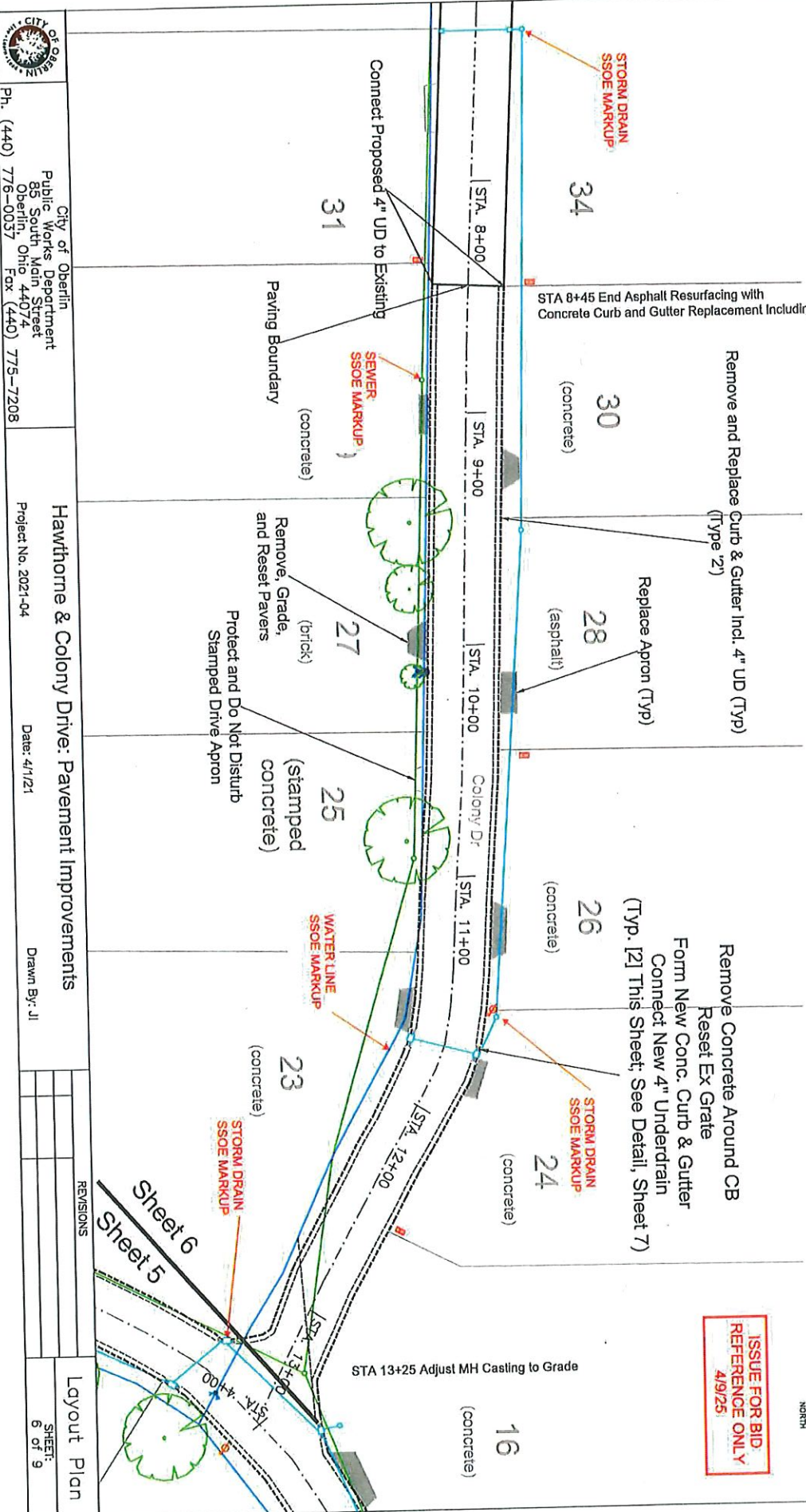
Layout Plan

Mill Depth = 3.25"

Scale: 1" = 40'



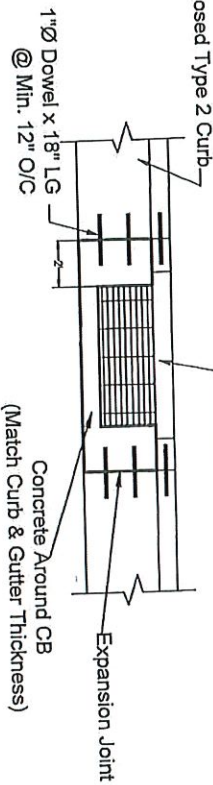
ISSUE FOR BID
REFERENCE ONLY
4/9/25



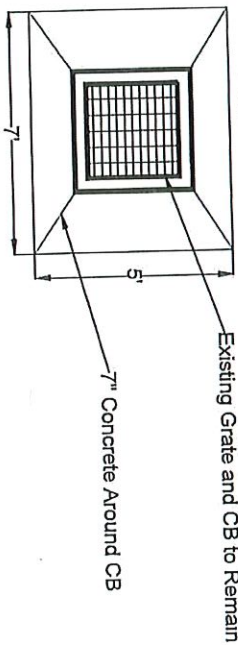
O.D.O.T. TYPE 2



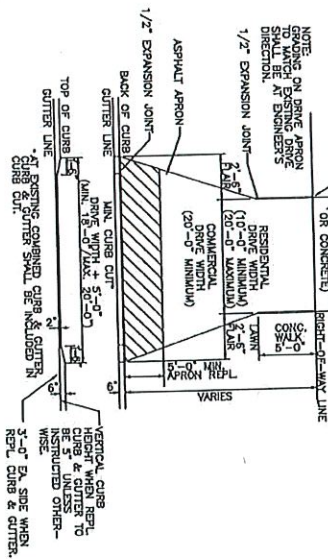
☐ Existing Grate and/or Curb Back to Remain



7" CONCRETE CB DETAIL

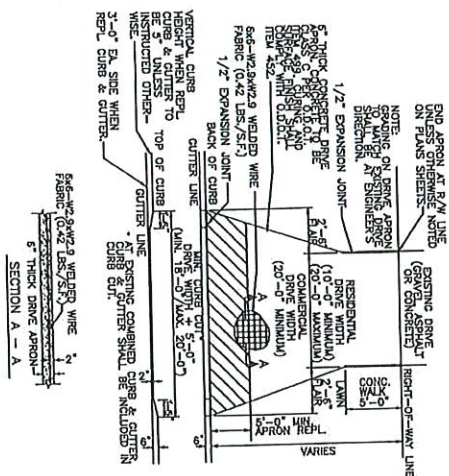


END APRON AT R/W LINE
UNLESS OTHERWISE NOTED
ON PLANS SHEETS



NOTE:
RESIDENTIAL: MATCH EXIST. SECTION
MIN. 2" ODOT 448 TYPE 1 ON
5" ODOT 304.
COMMERCIAL: MATCH EXIST. SECTION
MIN. 1-1/2" ODOT 448 TYPE 1 OVER
2" ODOT 448 TYPE 2 OVER ON 5" ODOT 304.

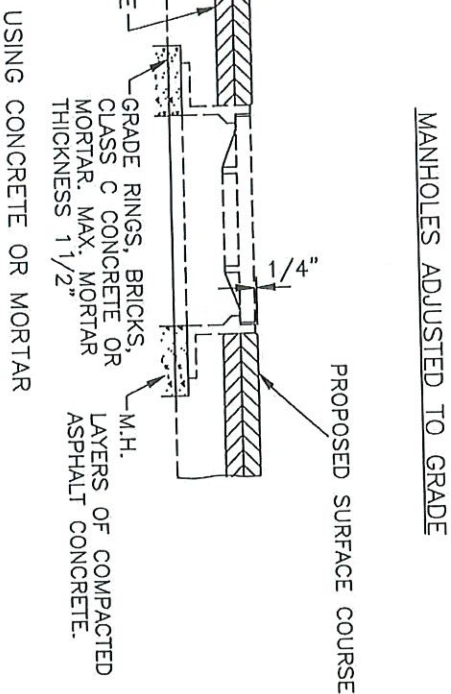
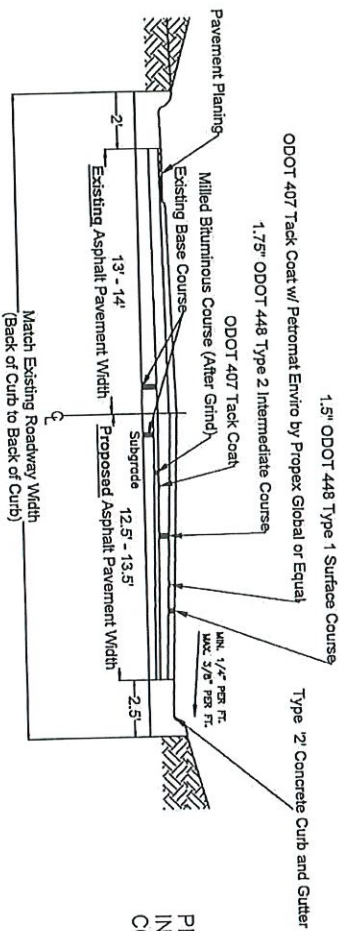
CONCRETE DRIVE APRON REPLACEMENT DETAIL



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4/9/25

REVISIONS		Details
SHEET: 7 of 9		

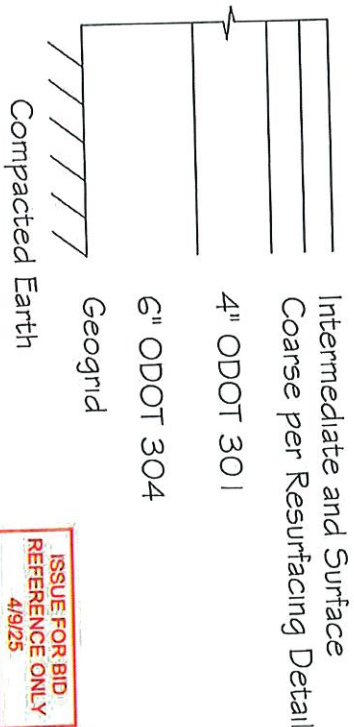
PAVEMENT RESURFACING SECTION (CONSIDERED SYMMETRICAL ABOUT CENTERLINE) NO SCALE




NOTES

1. Fills, if required, shall be of earth, compacted in 6" layers or of Item 310, subbase, compacted in layers not exceeding 8"
2. Concrete driveways and sidewalks shall be constructed of plain Portland cement concrete, Item 452. 5% to 8% air entrained, containing 6 (six) bags of cement (C.L.G. Sect. 499) per c.y., and 3" max slump
3. Expansion joints shall be placed to form utility strips where required, and wherever new concrete touches existing construction
4. Forms shall consist of wood, 2" nominal thickness, or metal of equal strength. Radius forms to vary as needed
5. A standard curing compound shall be properly applied to new concrete immediately after finish
6. No concrete shall be placed until temperature is 35 Degrees Fahrenheit, minimum. Concrete shall be protected in accordance with ODOT Section 451.10 of Item 451

STANDARD BASE REPAIR

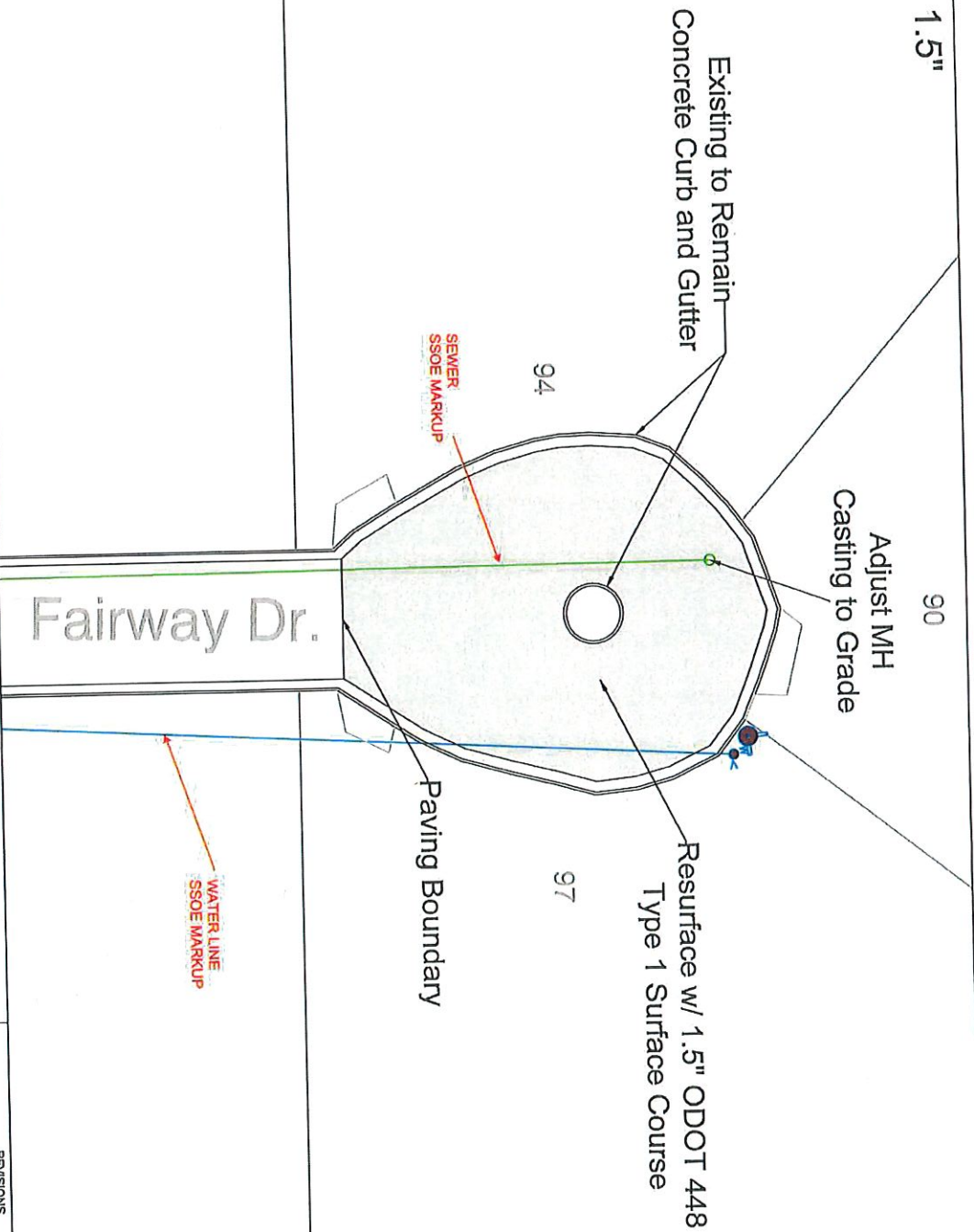


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REFERENCE ONLY
4/9/25

 City of Oberlin Public Works Department 85 South Main Street Oberlin, Ohio 44074 Ph. (440) 776-0037 Fax (440) 775-7208	Hawthorne & Colony Drive: Pavement Improvements		Project No. 2021-04	Date: 4/1/21	Drawn By: JI
	REVISIONS		Details SHEET 8 OF 9		

Mill Depth = 1.5"

10
20
Scale: 1" = 20'



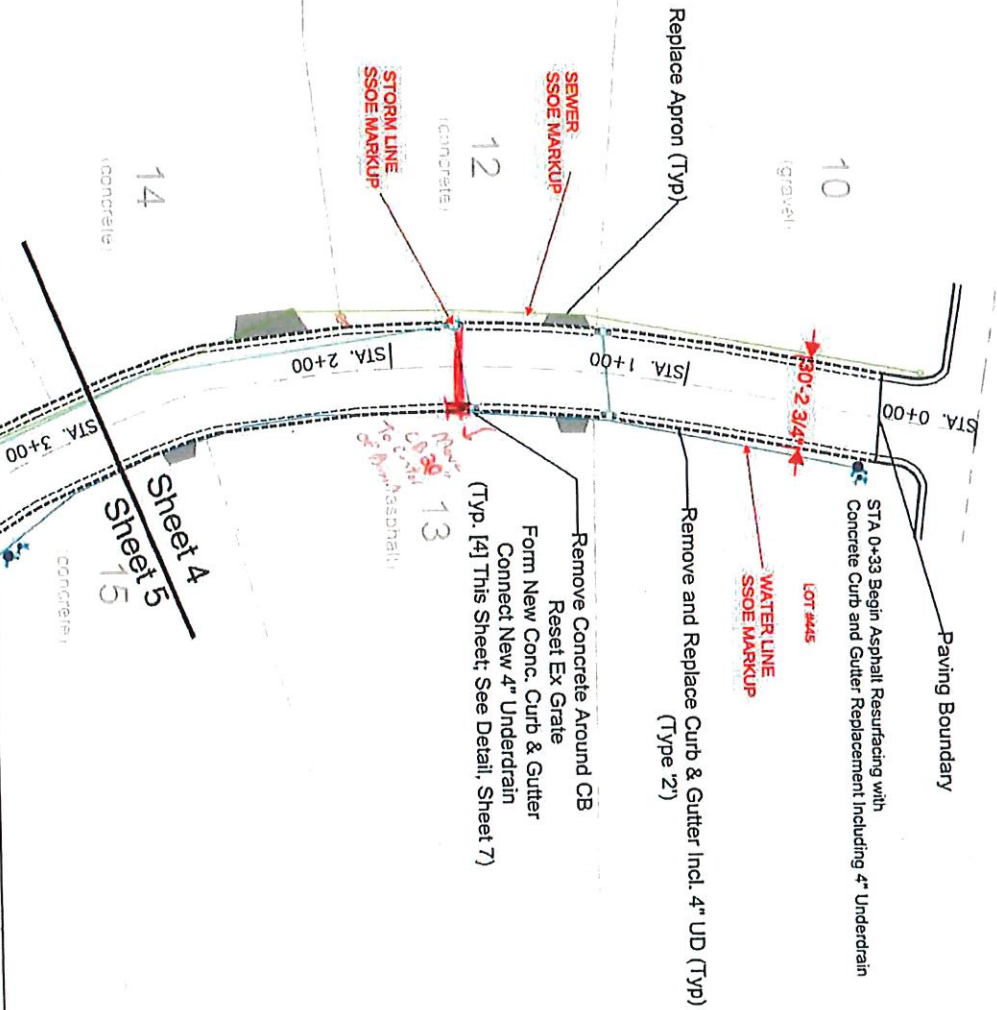
City of Oberlin
Public Works Department
85 South Main Street
Oberlin, Ohio 44074
Ph. (440) 776-0037 Fax (440) 775-7208

Hawthorne & Colony Drive: Pavement Improvements
Alternate 1: Fairway Drive Cul-de-Sac
Project No. 2021-04
Date: 4/1/21
Drawn By: JI

REVISIONS

Alternate 1
SHEET:
9 of 9

Mill Depth = 3.25"



Scale: 1" = 40'

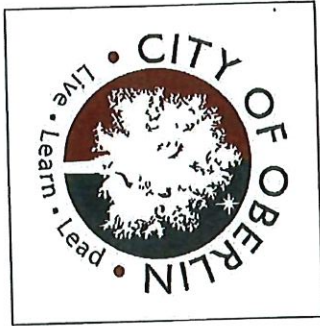
City of Oberlin
Public Works Department
85 South Main Street
Oberlin, Ohio 44074
Ph. (440) 776-0037 Fax (440) 775-7208

Hawthorne & Colony Drive: Pavement Improvements
Project No. 2021-04 Date: 4/1/21 Drawn By: JI

REVISIONS

Layout Plan
SHEET 4 OF 9

ISSUE FOR BID
REFERENCE ONLY
4/9/25



CONTRACT 2021-04 HAWTHORNE & COLONY DRIVE PAVEMENT IMPROVEMENTS SUMMER 2021

ISSUE FOR BID
 REFERENCE ONLY
 4/9/25

PROJECT OFFICIALS

PUBLIC WORKS DIR.....JEFF BAUMANN
 CITY ENGINEER.....RANDALL ROBERTS
 ENGINEER TECH.....JORDAN IRVIN

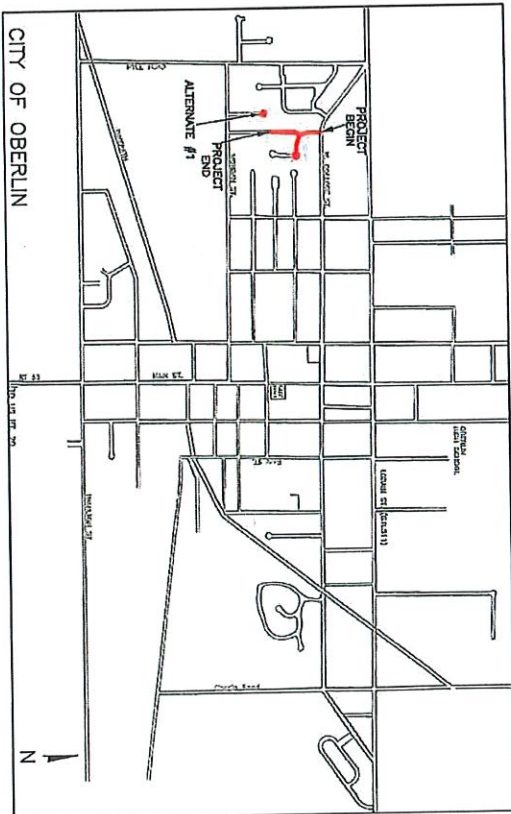
CITY OFFICIALS

CITY MANAGER.....ROB HILLARD
 FINANCE DIRECTOR.....SAL TALARCO
 COUNCIL CLERK.....BELINDA JON CLARK
 LAW DIRECTOR.....

CITY COUNCIL

PRESIDENT.....LINDA SLOCUM
 VICE-PRESIDENT.....HEATHER ADELMAN
 MEMBER.....RAY ENGLISH
 MEMBER.....ELIZABETH MEADOWS
 MEMBER.....KRISTEN PETERSON
 MEMBER.....MARY PRICE
 MEMBER.....KELLY SINGLETON

PRODUCED BY:
 CITY OF OBERLIN
 85 SOUTH MAIN STREET
 OBERLIN, OHIO 44074
 (440) 778-0037



LOCATION MAP

Randall Roberts
 RANDALL ROBERTS - CITY ENGINEER PE 64775 DATE 4/1/21



SHEET INDEX

TITLE SHEET 1
 GENERAL NOTES 2-3
 LAYOUT PLAN 4-6
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 Alternate #1: Fairway Drive 9

APPROVALS

Rob Hillard DATE 4-1-2021
 ROB HILLARD - CITY MANAGER
Jeff Baumann DATE 4-1-2021
 JEFF BAUMANN - PUBLIC WORKS DIRECTOR

Ohio Utilities Protection Service
Call 811
 before you dig
 TWO WORKING DAYS
 NOTICE REQUIRED
 NON-URGENT
 MUST BE CALLED
 DIRECTLY