PLOTTED: 6/27/2022 9:12:53 AM

CITY OF TALLMADGE
HOWE ROAD PARK
ENTRANCE IMPROVEMENTS
SUMMIT COUNTY, OHIO

JUNE 2022

SHT #	SHEET TITLE
1	TITLE SHEET
	SURVEY
G-001	GENERAL NOTES
C-101	DEMOLITION & SWPPP PLAN
C-102	LAYOUT & MATERIALS PLAN
C-103	GRADING AND DRAINAGE
C-301	CROSS SECTIONS
C-501	SITE DETAILS

OHIO811

N

LOCATION MAP

NOT TO SCALE

CITY OF TALLMADGE OFFICIALS

DAVID G. KLINE	MAYOR
DONALD COOPER, PhD, MBA	DIRECTOR OF ADMINISTRATION
MOLLIE GILBRIDE	DIRECTOR OF FINANCE
MICHAEL RORAR	DIRECTOR OF PUBLIC SERVICE
JESSICA SIMONS	SUPERINTENDENT OF PARKSAND REC
WAYNE CORBETT	SUPERINTENDENT STREET DEPARTMENT

COUNCIL

CRAIG SISAK	WARD 1
REBECCA ALLMAN	WARD 2
JONATHON BOLLAS	WARD 3
MARY GUTMAN	WARD 4
DENNIS LOUGHRY	AT LARGE- PRESIDENT
CAROL KILWAY	AT LARGE
ADAM BOZIC	AT LARGE

APPROVALS:

DAVID G. KLINE, MAYOR — DATE

MICHAEL RORAR, DIRECTOR OF PUBLIC SERVICE — DATE

Patrick D. Hoagland

STATE OF OHIO — PATRICK D. HOAGLAND — #663 — REGISTERED — LANDSCAPE ARCHITECT

6-10-2022

DESIGN ENGINEER. OHIO L.A. No. 663 DATE

BRANDSTETTER CARROLL INC
ARCHITECTS . ENGINEERS . PLANNERS

CITY OF TALLMADGE
HOWE ROAD PARK ENTRANCE
988 E HOWE ROAD
TALLMADGE, OH 44278

NO:	DESCRIPTION	DATE
	REVISIONS	

JOB NO:	PR58719
DATE:	JUNE 2022
DESIGNED BY:	CF
DRAWN BY:	AS
CHECKED BY:	PH
APPROVED BY:	PH
SCALE:	NONE

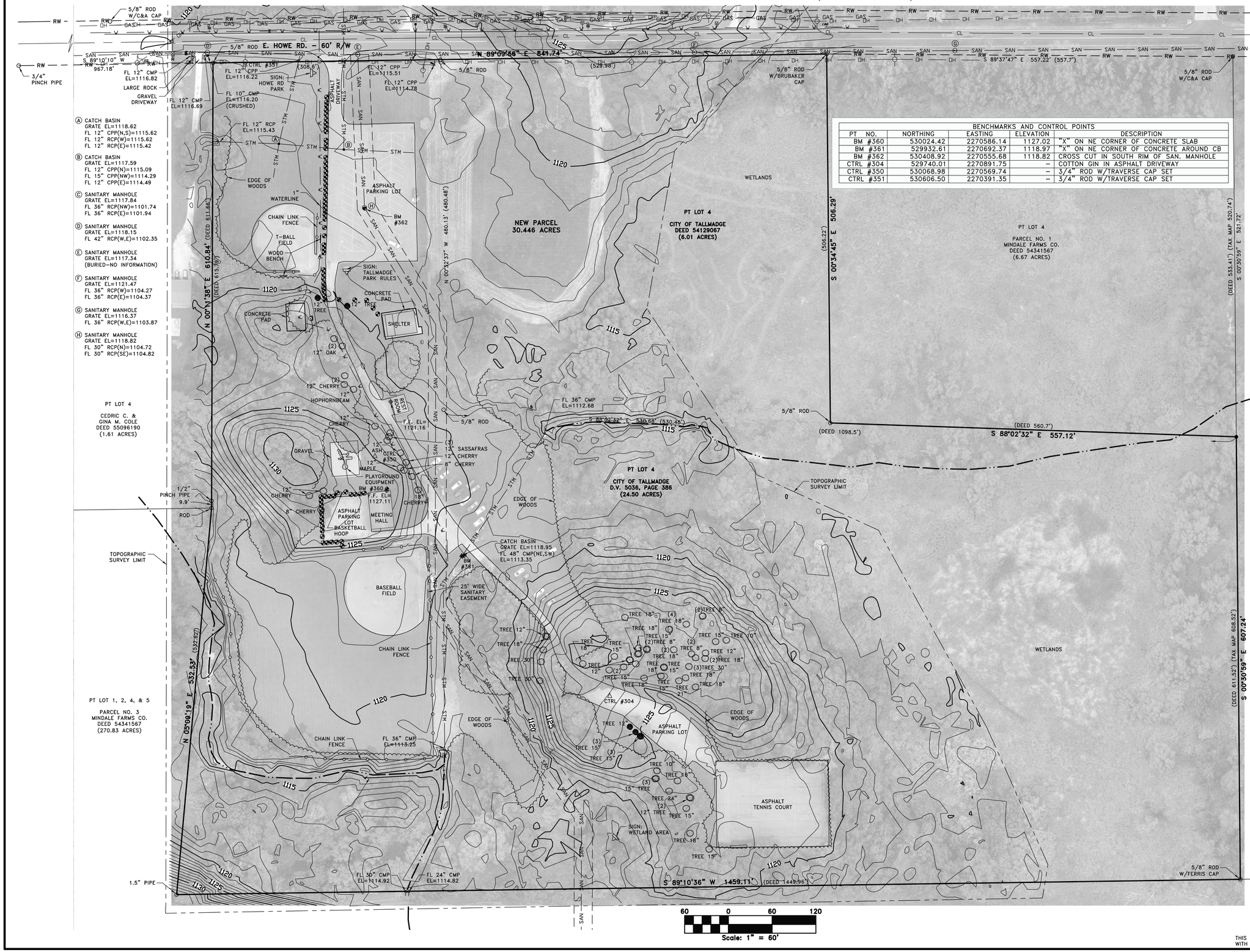
TITLE

1

SHEET: 1 OF 9

TOPOGRAPHIC SURVEY

PART OF LOT 4 AND PART OF LOT 5 IN TRACT EIGHT
LOCATED IN THE CITY OF TALLMADGE, SUMMIT COUNTY, OHIO



BENCHMARKS AND CONTROL POINTS				
PT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM #360	530024.42	2270586.14	1127.02	"X" ON NE CORNER OF CONCRETE SLAB
BM #361	529932.61	2270692.37	1118.97	"X" ON NE CORNER OF CONCRETE AROUND CB
BM #362	530408.92	2270555.68	1118.82	CROSS CUT IN SOUTH RIM OF SAN. MANHOLE
CTRL #304	529740.01	2270891.75	–	COTTON GIN IN ASPHALT DRIVEWAY
CTRL #350	530068.98	2270569.74	–	3/4" ROD W/TRAVERSE CAP SET
CTRL #351	530606.50	2270391.35	–	3/4" ROD W/TRAVERSE CAP SET

Ⓐ CATCH BASIN
GRATE EL=1118.62
FL 12" CPP(N,S)=1115.62
FL 12" RCP(W)=1115.62
FL 12" RCP(E)=1115.42

Ⓑ CATCH BASIN
GRATE EL=1117.59
FL 12" CPP(N)=1115.09
FL 15" CPP(NW)=1114.29
FL 12" CPP(E)=1114.49

Ⓒ SANITARY MANHOLE
GRATE EL=1117.84
FL 36" RCP(NW)=1101.74
FL 36" RCP(E)=1101.94

Ⓓ SANITARY MANHOLE
GRATE EL=1118.15
FL 42" RCP(W,E)=1102.35

Ⓔ SANITARY MANHOLE
GRATE EL=1117.34
(BURIED-NO INFORMATION)

Ⓕ SANITARY MANHOLE
GRATE EL=1121.47
FL 36" RCP(W)=1104.27
FL 36" RCP(E)=1104.37

Ⓖ SANITARY MANHOLE
GRATE EL=1116.37
FL 36" RCP(W,E)=1103.87

Ⓗ SANITARY MANHOLE
GRATE EL=1118.82
FL 30" RCP(N)=1104.72
FL 30" RCP(SE)=1104.82

DATUM & BASIS OF BEARINGS

THE BEARINGS ARE BASED ON OHIO STATE PLANE COORDINATES, GRID NORTH. TO DETERMINE GRID NORTH THE OHIO DEPARTMENT OF TRANSPORTATION'S VIRTUAL REFERENCE SYSTEM WAS USED. THE REFERENCE DATUM AND REFERENCE FRAME ARE NAD83 (2011).

LEGEND:

- 3/4" STEEL ROD W/DEIBEL CAP SET (UNLESS OTHERWISE NOTED)
- MONUMENTATION FOUND (AS NOTED)
- DENOTES RECORD INFORMATION
- CONTROL POINT
- CL — CENTERLINE ROAD
- RW — RIGHT-OF-WAY
- STM — STORM SEWER LINE
- SAN — SANITARY SEWER LINE
- W — UNDERGROUND WATER LINE
- GAS — UNDERGROUND GAS LINE
- OH — OVERHEAD UTILITY LINE
- CENTERLINE OF CREEK
- FENCE (AS NOTED)
- SQUARE CATCH BASIN
- STORM/SANITARY MANHOLE (AS NOTED)
- BENCHMARK
- WATER VALVE
- FIRE HYDRANT
- WATER METER
- UTILITY POLE
- DECIDUOUS TREE
- CONIFEROUS TREE
- SIGN
- ELECTRIC METER
- ELECTRIC JUNCTION BOX
- WATERLINE MARKER
- FLOW LINE
- CLEANOUT
- WATER MANHOLE
- MAILBOX
- BOLLARD

SOURCES USED:

1. TAX MAP
   - TALLMADGE 10
   - TALLMADGE 16
2. DEEDS (AS SHOWN)
3. SURVEYS:
   - RONALD L. FERRIS – DATED 09/14/2011
   - JEFFREY P. MILLER – DATED 11/11/2010
   - JEFFREY A. CORDI – DATED 05/05/2012
4. AERIAL IMAGE– PROVIDED BY DEIBEL SURVEYING USING sUAS ON JUNE 23, 2021.

NOTE:

ALL UTILITY LOCATIONS ARE BASED ON FIELD MARKINGS SURVEYED, OR PLANS PROVIDED BY THE UTILITY COMPANY.

CURTIS G. DEIBEL #6673
AUGUST 06, 2021

STATE OF OHIO — CURTIS G. DEIBEL 6673 — REGISTERED PROFESSIONAL SURVEYOR

THIS BOUNDARY SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH CHAPTER 4733-37 OF THE OHIO ADMINISTRATIVE CODE

SCALES	
HORZ. 1" = 100'	
PROJECT ID NO.	21
SHEET NO.	OF
1	1

TOPOGRAPHIC SURVEY
PART OF LOT 4 AND PART OF LOT 5 IN TRACT EIGHT
LOCATED IN THE CITY OF TALLMADGE, SUMMIT COUNTY, OHIO

DATE	BY	APP'D	DESCRIPTION	REV. LTR
DATE: 08/06/2021	DRAWN BY: BEB	CHECKED BY: AD	APP'VD BY: CGD/AD	SUTH_HOWE RD PARK TOPO_7-21

deibel surveying inc
INFO@DSIOHIO.COM
1850 KIMBALL RD. S.E.
CANTON, OHIO 44707
OFFICE (330)455-2999
FAX (330)455-3299
WWW.DSIOHIO.COM

GENERAL SPECIFICATIONS

1. SPECIFICATIONS

A. ALL CONSTRUCTION OF ANY PROJECT SHALL BE IN CONFORMANCE WITH CITY OF TALLMADGE'S CODIFIED ORDINANCE AND THE OHIO REVISED CODE.

B. NO PERSON, FIRM OR CORPORATION SHALL COMMENCE ANY WORK WITHOUT FIRST FILING ALL PROPER PERMITTING AND DEPOSITING OF ANY BONDS PER THE CITY OF TALLMADGE CODE. CONTRACTOR MUST OBTAIN THE PROPER PERMITS & BONDS FOR ALL WORK PERFORMED IN/ON THE PUBLIC RIGHT-OF-WAY WITH NO EXCEPTIONS. THIS PROCEDURE IS REQUIRED SO THAT THE PROPER INSPECTIONS WILL BE MADE.

C. THE CONSTRUCTION OF ANY PROJECT SHALL BE GOVERNED BY CURRENT CITY OF TALLMADGE DEVELOPMENT STANDARDS, ALONG WITH CONFORMING TO THE LATEST EDITION OF THE STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA), AND THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS (ODOT CMS) AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE NOTED. THE CITY OF TALLMADGE ENGINEER OR DIRECTOR OF PUBLIC SERVICE SHALL RESOLVE ALL ITEMS NOT CLEARLY COVERED.

2. ALL CONTRACTORS PERFORMING WORK MUST ABIDE BY ALL GENERAL NOTES THAT APPLY OF THE CITY STANDARDS

3. THE CITY OF TALLMADGE SHALL NOT BE HELD LIABLE FOR DAMAGES OF ANY TYPE WHICH MAY OCCUR AS A RESULT OF ERRORS AND/OR OMISSIONS OF THE ENGINEERING DATA PRESENTED BY THE DEVELOPER'S ENGINEER, NEITHER SHALL THEY BE LIABLE FOR DAMAGES RESULTING FROM THE DEVELOPER'S CONTRACTOR, NOT COMPLYING WITH APPROVED PLANS NOR BY USING CONSTRUCTION METHODS OR MATERIALS NOT APPROVED BY THE CITY OF TALLMADGE.

4. THE DEVELOPER'S ENGINEER CERTIFIES THAT TO THE BEST OF HIS KNOWLEDGE AND THROUGH INTENSIVE RESEARCH, ALL UTILITIES WITHIN THE RIGHT-OF-WAY AND EASEMENTS INVOLVED IN THE IMPROVEMENT HAVE BEEN LOCATED AND SHOWN ON THE PLANS.

5. PRECONSTRUCTION MEETING: A PRECONSTRUCTION MEETING WITH THE DEVELOPER, CONTRACTOR, REPRESENTATIVES OF ALL UTILITY COMPANIES, THE CITY OF TALLMADGE SERVICE DEPARTMENT(S), SUMMIT SOIL & WATER, AND CITY ENGINEER IS REQUIRED FOR THIS PROJECT TO START ANY CONSTRICTION ACTIVITY.

6. PROJECT SAFETY: THE CONTRACTOR SHALL ALWAYS MAINTAIN A SAFE WORKING ENVIRONMENT AT THE PROJECT SITE. THE CONTRACTOR SHALL PROPERLY SUPPORT, MAINTAIN AND COMPLY WITH ALL OSHA REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY OF THE GENERAL PUBLIC AS WELL AS ALL CONSTRUCTION PERSONNEL. PUBLIC STREETS SHALL BE KEPT CLEAN AND FREE OF DEBRIS (MUD, STONE, ETC.) OF THE NATURE OF THE PROPOSED PROJECT PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY. ACCESS FOR EMERGENCY VEHICLES SHALL ALWAYS BE MAINTAINED.

7. PROJECT LIABILITY: CONTRACTOR SHALL ASSUME THE ENTIRE RESPONSIBILITY AND LIABILITY FOR ALL DAMAGES OR INJURIES OF ANY KIND OR NATURE WHATSOEVER TO ALL PERSONS, WHETHER ITS EMPLOYEES OR OTHERWISE, AND TO ALL PROPERTY GROWING OUT OF OR RESULTING FROM THE EXECUTION OF THE WORK PROVIDED FOR IN THIS CONTRACT OR OCCURRING IN CONNECTION THEREWITH. CONTRACTOR AGREES TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY OF TALLMADGE, ITS AGENTS, EMPLOYEES, AND INSURERS FROM AND AGAINST ANY AND ALL LOSSES AND EXPENSES, INCLUDING COURT COSTS AND ATTORNEY'S FEES, DAMAGES OR INJURIES GROWING OUT OF OR RESULTING FROM OR OCCURRING IN CONNECTION WITH THE EXECUTION OF THE WORK HEREIN PROVIDED FOR; PROVIDE, HOWEVER, THAT CONTRACTOR WILL NOT BE HELD LIABLE FOR LOSS OF LIFE OR INJURY OR DAMAGE TO PERSON OR PROPERTY DUE TO THE SOLE NEGLIGENCE OF THE CITY, ITS AGENTS, OR ITS EMPLOYEES. IF ANY DAMAGE IS DONE TO THE PROPERTY OF OTHERS BY CONTRACTOR, ITS EMPLOYEES, OR AGENTS DURING THE TERM OF THIS CONTRACT, CONTRACTOR WILL REPAIR AND RESTORE AT ITS SOLE COST ANY SUCH PROPERTY AND CORRECT ANY DAMAGES INFLICTED THERETO, RETURNING IT TO AS GOOD A CONDITION AS THE PROPERTY WAS IN BEFORE BEING DAMAGED, IN A MANNER SATISFACTORY TO THE OWNER(S) OF THE PROPERTY FOR THE DAMAGE SUFFERED.

8. UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL THE VARIOUS UTILITY COMPANIES (PUBLIC AND PRIVATE) TO VERIFY THE EXISTENCES, LIMITS AND OR LOCATION OF ANY UTILITIES WHICH MAY BE ALONG THE ROUTE OR WITHIN THE VICINITY OF THE WORK OR PROJECT. THE CONTRACTOR MUST CONTACT OHIO UTILITIES PROTECTION SERVICES TO HAVE UTILITIES MARKED BEFORE THE START OF THE PROJECT – CALL 811.

9. ALL EXISTING CONDITIONS WITHIN THE RIGHT-OF-WAY AND EASEMENTS DISTURBED BY THE CONSTRUCTION OF THIS PROJECT SHALL BE IMMEDIATELY RESTORED TO THE PRE-CONSTRUCTION CONDITION OR BETTER, AS DIRECTED BY THE CITY OF TALLMADGE SERVICE DIRECTOR OR ITS AUTHORIZED REPRESENTATIVE.

10. NO SANITARY SEWER OR WATER MAIN CONSTRUCTION SHALL BE PERMITTED UNTIL THE PLANS ARE APPROVED BY OEPA AND WATERLINES ARE REVIEWED BY THE CITY OF TALLMADGE, INCLUDING PAYMENT OF REVIEW AND "PERMIT TO INSTALL" FEES AS REQUIRED.

11. ALL WORK AND MATERIAL MUST BE INSPECTED AND APPROVED BY THE CITY OF TALLMADGE ENGINEER OR AUTHORIZED REPRESENTATIVE. CONTRACTOR SHALL NOTIFY THE CITY OF TALLMADGE SERVICE DIRECTOR @ 330-633-0854 (MON-FRI 8:00 AM – 4:00 PM, EXCLUDING HOLIDAYS) FORTY-EIGHT (48) HOURS BEFORE STARTING ANY CONSTRUCTION.

12. TEMPORARY STORM WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL SHALL BE REQUIRED (ODOT CMS) AS DIRECTED BY THE CITY OF TALLMADGE ENGINEER AND THE SUMMIT SOIL AND WATER CONSERVATION DISTRICT. INLET PROTECTION SHALL BE SET AROUND EACH STORM STRUCTURE. ALL REQUIRED PERMITS SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO STARTING CONSTRUCTION.

13. WHERE NECESSARY TO DISTURB PAVEMENTS OR DRIVES, THE PAVEMENT SHALL BE FULL DEPTH SAW CUT IN NEAT, STRAIGHT LINES.

14. ALL ROUGH GRADING, WITHIN (6) SIX INCHES OF FINISHED GRADE, SHALL BE COMPLETED WITHIN THE RIGHT-OF-WAY PRIOR TO TRENCH EXCAVATION.

15. CONTRACTOR SHALL SEED, MULCH AND FERTILIZE ALL DISTURBED AREAS WITHIN THE ROAD RIGHT OF WAY FROM BACK OF CURB TO 10 FEET INSIDE THE PROPERTY LINE (ODOT CMS), USING (4) FOUR INCHES OF TOPSOIL. EROSION CONTROL MATTING SHALL BE PLACED IN AREAS WHERE GRASS COVER CANNOT BE ESTABLISHED DUE TO STEEP SLOPES.

16. ALL CONDUIT WITHIN THE RIGHT-OF-WAY COMPACTED PREMIUM BACKFILL, ODOT ITEM 304, CCS, IS REQUIRED FOR UNDERGROUND CONSTRUCTION. GRAVEL, CRUSHED ACBFS, AND STEEL SLAG SHALL NOT BE USED. THE METHOD OF BACKFILLING SHALL CONFORM TO BACKFILLING FOR CONDUIT, AS SPECIFIED PER ODOT ITEM 611 OR AS DIRECTED BY THE CITY OF TALLMADGE ENGINEER. LOW STRENGTH MORTAR (LSM) OR CONTROL DENSITY FILL (CDF) SHALL BE USED FOR BACKFILL WHERE A TRENCH IS WITHIN EXISTING PAVEMENT. THE CITY OF TALLMADGE WILL SPECIFY WHICH OF THE TWO SHALL BE USED.

17. NO OPEN TRENCHES WILL BE PERMITTED OVERNIGHT. FENCES AND STEEL PLATING MAY BE REQUIRED AT THE DISCRETION OF THE CITY TO PROTECT PEDESTRIAN TRAFFIC.

18. ACCESS TO ALL DRIVES SHALL BE MAINTAINED UNLESS IT IS DETERMINED AND AGREED TO BY THE CITY THAT THERE IS NO FEASIBLE MEANS OF PROVIDING ACCESS. IT WILL BE REQUIRED THAT EACH AFFECTED PROPERTY OWNER BE GIVEN AT LEAST (24) TWENTY-FOUR HOUR NOTICE BEFORE CLOSING THE DRIVE.

19. ACCESS TO ALL MAILBOXES SHALL BE MAINTAINED DURING CONSTRUCTION. IF ACCESS TO MAILBOXES WILL NOT BE FEASIBLE THEN ALTERNATE MAILBOXES SHALL BE PROVIDED BY CONTRACTOR WITH CLEARLY MARKED HOUSE NUMBERS FOR EACH MAILBOX.

20. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCH MARKS, PROPERTY CORNERS, REFERENCE POINTS, AND CONSTRUCTION STAKES AND, IN CASE OF DESTRUCTION, SHALL BE CHARGED WITH THE RESULTING EXPENSE OF REPLACEMENT AND SHALL BE RESPONSIBLE FOR ANY MISTAKES THAT MAY BE CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.

21. SHOULD THE CONTRACTOR HAVE ANY QUESTIONS AS TO THE INTENT OF THESE PLANS AND SPECIFICATIONS, HE SHALL IMMEDIATELY BRING IT TO THE ATTENTION OF THE CITY OF TALLMADGE SERVICE DIRECTOR, WHO SHALL RESPOND IN A TIMELY MANNER. ANY CHANGE IN THE PROPOSED IMPROVEMENTS MUST BE APPROVED BY THE CITY OF TALLMADGE.

22. TRAFFIC CONTROL SHALL BE MAINTAINED AS PER THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL UTILIZE STANDARD TRAFFIC CONTROL DEVICES AS SHOWN IN THE MANUAL FOR ONE LANE ROAD CLOSURES, STATIONARY OPERATIONS ON THE SHOULDER AND OPERATIONS BEYOND THE SHOULDER. PROPER SAFETY LIGHTING AND REFLECTORS SHALL BE USED AS NECESSARY FOR OVERNIGHT CLOSURES OR WARNING DEVICES. CONTRACTOR MUST SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL IN ADVANCE OF CONSTRUCTION START.

23. ANY DAMAGE CAUSED TO THE PAVEMENT, DRIVES, DRAINAGE SYSTEMS, UNDERGROUND OR OVERHEAD UTILITIES, PIPELINES OR LANDSCAPING, EITHER WITHIN THE RIGHT-OF-WAY OR ON ADJACENT PROPERTIES, SHALL BE FULLY RESTORED PROMPTLY BY THE CONTRACTOR WITH ALL RELATED COSTS BEING THE FULL RESPONSIBILITY OF THE CONTRACTOR.

24. ALL EMBANKMENTS SHALL BE CONSTRUCTED IN COMPLIANCE WITH ODOT ITEM 203. ALL TOPSOIL SHALL BE STRIPPED PRIOR TO PLACEMENT OF ANY EMBANKMENT MATERIAL.

25. ADJUSTMENTS TO VALVE BOXES, MANHOLES, HYDRANTS, MONUMENT BOXES, ETC. SHALL BE MADE BY THE CONTRACTOR AS REQUIRED TO COMPLETE THIS WORK. THIS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEM NECESSITATING THE ADJUSTMENT.

26. THE CONTRACTOR IS RESPONSIBLE FOR ORDERLY JOB SITE CONDITIONS THROUGHOUT THE DURATION OF THE JOB. THE CONTRACTOR SHALL KEEP ALL EXISTING PAVEMENTS CLEAR OF MUD, GRAVEL, GREASE AND OILS. CONTRACTOR WILL BE CHARGED AT THE CURRENT RATE PER HOUR FOR A MINIMUM OF (2) TWO HOURS DURING NORMAL WORKING HOURS AND (4) FOUR HOURS MINIMUM FOR ANY HOURS AFTER 4:00 PM BY THE CITY OF TALLMADGE FOR A STREET SWEEPER AND OPERATOR IF SITE DOES NOT REMAIN CLEAN AT THE END OF THE WORK DAY.

27. THE CONTRACTOR/DEVELOPER WILL BE CHARGED FOR A FULL-TIME PROJECT REPRESENTATIVE FOR INSPECTION PURPOSES AT AN HOURLY RATE PER CURRENT LABOR CONTRACT. CONTRACTOR WILL AUTOMATICALLY BE CHARGED FOR AN 8-HOUR WORKDAY FOR SATURDAY, SUNDAY, OR ANY LEGAL HOLIDAYS PLUS ANY HOURS WORKED BEYOND THE (8) EIGHT HOURS.

28. THE CITY OF TALLMADGE MAY HIRE AN ADDITIONAL INSPECTOR OR INDEPENDENT TESTING LABORATORY TO PROVIDE ADDITIONAL INSPECTION AND/OR TESTING SERVICES. THIS EXPENSE WILL BE CHARGED TO THE DEVELOPER AND/OR CONTRACTOR.

29. IN AREAS OF EXCAVATION IN EXCESS OF 2 FEET, NUCLEAR COMPACTION TESTS SHALL BE PERFORMED BY AN APPROVED TESTING COMPANY. THESE TESTS SHALL BE APPROVED BY THE CITY OF TALLMADGE PRIOR TO ANY PAVING OPERATIONS. THE COST OF THE TESTING SHALL BE INCLUDED WITH THE UNIT PRICE FOR EXCAVATION AND PAID FOR BY THE CONTRACTOR.

30. WORK LIMITS
THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

31. CONSTRUCTION LAYOUT STAKES
THE CONTRACTOR IS TO PROVIDE ALL LABOR AND MATERIALS REQUIRED TO ADEQUATELY INSURE THE PROPER ELEVATIONS AND LOCATIONS OF ALL ITEMS INCLUDED IN THE WORK. PRIOR TO CONSTRUCTION, BENCH MARKS SHALL BE RE-ESTABLISHED OUTSIDE OF THE CONSTRUCTION LIMITS. THIS WORK SHALL BE PERFORMED UNDER THE SUPERVISION OF A PROFESSIONAL SURVEYOR, REGISTERED IN THE STATE OF OHIO. UNLESS OTHERWISE NOTED, ALL STATIONING AND OFFSET CALLOUTS ARE REFERENCED TO THE NEAREST CENTERLINE.

32. EROSION CONTROL
THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES INCLUDING SILT FENCE, STRAW BALES, ETC. IN ACCORDANCE WITH LOCAL REQUIREMENTS.

33. SEEDING AND MULCHING
SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL. REMOVE ALL STONES 1" OR GREATER IN ANY DIMENSION FROM ALL DISTURBED AREAS PRIOR TO SEEDING AND MULCHING. FERTILIZING AND WATERING SHALL BE INCIDENTAL TO CONSTRUCTION AND NO SEPARATE PAYMENT SHALL BE MADE.TEMPORARY SEEDING SHALL BE PROVIDED WITHIN BUILDING LOTS. COORDINATE WITH LANDSCAPE PLANS.

34. MAINTAINING TRAFFIC
THE CONTRACTOR MUST PERFORM THE REQUIRED WORK WITH THE MAXIMUM SAFETY OF AND THE LEAST INCONVENIENCE TO THE TRAVELING PUBLIC AND THE CONTRACTOR. THE OWNER MUST APPROVE ANY PROPOSED VARIANCE FROM THE MAINTENANCE OF TRAFFIC NOTES, IN ADVANCE, IN WRITING. EXCEPT AS MODIFIED HEREIN, THE REQUIREMENTS FOR MAINTAINING TRAFFIC, AS INDICATED IN "THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). USE DRUMS, SIGNS, SIGN SUPPORTS, BARRICADES, IMPACT ATTENUATORS AND OTHER TRAFFIC CONTROL DEVICES THAT ARE CERTIFIED TO MEET NCHRP350 SAFE-CRASH STANDARDS OR ARE MODIFIED BY CONTRACT DOCUMENTS. DO NOT USE HEAVY, NON-YIELDING DEVICES OR SUPPORTS THAT DO NOT CONFORM TO THE CURRENT STANDARDS OF NCHRP350 UNLESS ALLOWED BY CONTRACT DOCUMENTS.

PAVEMENT SPECIFICATIONS

1. GENERAL

A. ALL CONSTRUCTION OF ANY PROJECT SHALL BE IN CONFORMANCE WITH CITY OF TALLMADGE'S CODIFIED ORDINANCE, INCLUDING CHAPTER 905 STREETS, AND THE OHIO REVISED CODE.

B. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING PAVEMENT SYSTEM RESULTING FROM NEGLIGENCE OR NON-CONFORMANCE WITH APPROVED PLANS. ANY PAVEMENT DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH SAME MATERIAL (CONCRETE WITH CONCRETE). SEE SPECIFICATIONS FOR DESCRIPTIONS OF SPECIFIC PAVEMENT TYPES.

C. NO PERSON, FIRM, CORPORATION OR CONTRACTOR SHALL COMMENCE ANY WORK IN/ON THE PUBLIC RIGHT-OF-WAY WITHOUT FIRST FILING ALL PROPER PERMITS AND BONDS PER THE CITY OF TALLMADGE CODE.

D. THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL UTILITIES THE LOCATION AND IS RESPONSIBLE FOR CONTACTING OUPS (OHIO) UTILITY PROTECTION SERVICES) PRIOR TO ANY EXCAVATION OR SURVEYING.

E. ALL CONTRACTORS PERFORMING WORK ON CITY STREETS MUST ABIDE BY ALL GENERAL NOTES THAT APPLY OF THE CITY DEVELOPMENT STANDARDS AND/OR OTHER CITIES POLICIES AND PRACTICES DEEMED TO BE RELEVANT AND ACCEPTABLE BY THE STREET SUPERINTENDENT.

F. PRIOR TO ACCEPTANCE BY THE CITY OF TALLMADGE ENGINEER, THE SUBGRADE IN ALL AREAS TO BE PAVED SHALL BE PROPERLY PREPARED AND PROOF ROLLED PER ODOT CMS.

G. PERFORM PAVEMENT REPAIR PER CURRENT ODOT PAVEMENT REPAIR STANDARDS AS DIRECTED BY CITY OF TALLMADGE ENGINEER OR CITY'S REPRESENTATIVE.

H. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL MONUMENT BOX ASSEMBLIES. SETTING OF ALL MONUMENT BOXES SHALL BE PERFORMED UNDER THE SUPERVISION OF A REGISTERED SURVEYOR.

I. PAVING CONTRACTORS SHALL BE RESPONSIBLE FOR ADJUSTING MANHOLE, INLET, AND VALVE BOX ASSEMBLIES TO FINAL PAVEMENT ELEVATION. ADJUST MANHOLES TO GRADE PER DETAIL SHOWN ON SHEET MH-1.

J. ASPHALT TESTING: A MINIMUM OF TWO ASPHALT SAMPLES MUST BE TAKEN FOR EACH ROAD THAT IS RESURFACED. ONE SAMPLE MUST INCLUDE INTERMEDIATE COURSE, AND ANOTHER SAMPLE MUST BE USED ON TOP COURSE. ANY ROAD OR LOCATION THAT EXCEEDS 700 TONS MUST RECEIVE ADDITIONAL TEST(S). ON NEW CONSTRUCTION PROJECTS, AN ADDITIONAL SAMPLE OF THE BASE COURSE MUST ALSO BE COMPLETED. THE TEST MUST BE COMPLETED BY A CERTIFIED COMPANY. EACH SAMPLE MUST HAVE THE ADDRESS, DATE, TEMPERATURE, AND WEATHER CONDITIONS OF THE TIME OF WHEN THE SAMPLE WAS COMPLETED. TESTING MUST INCLUDE A COPY OF THE MIX DESIGN. THE ASPHALT MUST MEET THE REQUIREMENTS OF THE SUBMITTED AND APPROVED JMF. ADDITIONALLY NOT LESS THAN SIXTY PERCENT (60%) BY WEIGHT OF CRUSHED GRAVEL SHALL CONSIST OF PIECES HAVING TWO OR MORE FACES BEING FRESHLY FRACTURED.

K. FULL DEPTH REPAIRS: STANDARD FOR PAVEMENT REPAIR WILL BE 8-INCH DEPTH OF EXCAVATION. THIS CAN BE ACCOMPLISHED BY USE OF AN EXCAVATING MACHINE OR A PAVEMENT MILLING MACHINE. THIS ITEM CONSISTS OF THE EXCAVATION AND DISPOSAL OF ALL MATERIALS WITHIN THE REPAIR AREA. INSTALL 8 INCHES OF 301 BITUMINOUS AGGREGATE BASE ASPHALT COMPACTED IN PROPER LIFTS AND AC THE EDGES OF THE REPAIR AREA. ALL AREAS WILL BE DETERMINED AND APPROVED BY THE CITY OF TALLMADGE AT THE TIME OF CONSTRUCTION.

L. ELIMINATING DRIVEWAYS: ANYTIME THERE IS A NEW LOCATION OF DRIVEWAY INSTALLED, EXISTING APRON LOCATION MUST BE RESTORED. THIS INCLUDES CURBING, SIDEWALK, AND LAWN RESTORATION.

M. VERTICAL CURBING: VERTICAL CURBING MUST BE 6"X18". THE CURB SHALL MATCH THE EXISTING TO BE REPLACED OR REPAIRED.

N. COLD WEATHER PAVING: ASPHALT PAVEMENT SHALL ONLY BE PLACED PER ODOT CMS SECTION 401.06 UNLESS EXPLICIT APPROVAL BY THE CITY HAS BEEN GIVEN IN WRITING. ANY PAVEMENT PLACED OUTSIDE OF THESE REQUIREMENTS SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE PROJECT.

2. ASPHALT CONCRETE PAVEMENT TYPE 1

A. THE CONTRACTOR SHALL SUBMIT A MIX DESIGN FORMULA FOR ALL ASPHALT CONCRETE BEING USED IN THE PROJECT FOR APPROVAL BY THE CITY OF TALLMADGE ENGINEER. CRUSHED AGGREGATE FOR ITEM SURFACE ASPHALT CONCRETE SHALL BE CRUSHED LIMESTONE OR CRUSHED GRAVEL AND SHALL HAVE A MINIMUM OF SIXTY (60) PERCENT BY WEIGHT OF FRACTURED PIECES. THE SURFACE COURSE WILL BE INSTALLED 1 1/2" TO 2" THICK.

B. THE CONTRACTOR SHALL PLACE A 7" ODOT ITEM 301 LAYER TO BE INSTALLED IN (2) TWO 3-1/2" LIFTS.

C. USE CURRENT ODOT ITEM 251, 252, AND/OR 253 AS DIRECTED TO REPAIR DAMAGED PAVEMENT PRIOR TO RESURFACING. INCLUDED IN THIS ITEM IS THE REMOVAL OF PAVEMENT, SUBGRADE COMPACTION, INSTALLING BITUMINOUS AGGREGATE BASE AND AC EDGES OF THE REPAIR AREAS.

D. USE CURRENT ODOT ITEM 254: THIS ITEM IS FOR PAVEMENT MILLING AND BUTT JOINT AT ALL INTERSECTIONS ROADS AS MARKED OUT BY THE CITY. BUTT JOINTS ARE TO PER ODOT STANDARDS.

E. PLACE CURRENT ODOT ITEM 422: IT IS THE CITY'S INTENTION TO SEAL COAT THE PAVEMENT BEING APPLIED ON THE ENTIRE ROADWAY BEFORE PLACING THE LEVELING COURSE.

F. ITEM 209 – PREPARING SHOULDER FOR SUBGRADE PAVING AND ITEM 617 – COMPACTED AGGREGATE AS DIRECTED BY THE CITY. THIS WORK CONSISTS OF PREPARING, FURNISHING, SHOULDER PLACEMENT AND COMPACTION ALONG THE EDGE OF PAVEMENT IMMEDIATELY AFTER THE MAIN LINE PAVING IS DONE.

G. THE MAINTENANCE BOND WILL BE HELD FOR A MINIMUM OF TWO YEARS FROM THE DATE OF FINAL PLACEMENT OF CONCRETE OR WHEN THE PERFORMANCE IS COMPLETED.

H. THE CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS PER ITEM 642 AS NEEDED.

GENERAL CONSTRUCTION NOTES

1. EXCAVATION
EXCAVATED MATERIALS WHICH ARE UNSUITABLE FOR BACKFILL SHALL BE REMOVED AND DISPOSED OF OFFSITE AT THE CONTRACTORS EXPENSE. THE TYPE OF MATERIAL BELOW THE SURFACE IS NOT KNOWN ACROSS ALL AREAS OF SITE. EXCAVATION SHALL BE THROUGH WHATEVER MATERIAL IS ENCOUNTERED.

2. REMOVAL OF TREES AND/OR STUMPS
ALL TREES OR STUMPS WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT SHALL BE REMOVED AS REQUIRED. TREES NOT SPECIFICALLY REQUIRED TO BE REMOVED SHALL BE PRESERVED UNLESS OTHERWISE APPROVED IN THE FIELD BY THE OWNER OR ENGINEER, NO ADJUSTMENT WILL BE MADE TO THE CONTRACT.

3. RESTORATION
THE CONTRACTOR SHALL PROVIDE FOR PROTECTION OF THE EXISTING STREETS AND STRUCTURES: THE MAINTENANCE OF THE STREETS, DRIVEWAYS, SIDEWALKS, CURBS, GUTTERS, RESEEDING AND RESODDING, REMOVAL OF TREES, THE MAINTENANCE OF THE CONSTRUCTION AREA DURING PROGRESS OF THE WORK AND THE COMPLETE RESTORATION OF THE CONSTRUCTION AREA TO ITS ORIGINAL CONDITION AT THE COMPLETION OF THE WORK.

THE CONTRACTOR SHALL CONTINUOUSLY CARRY ON WITH THE FINAL RESTORATION OF THE CONSTRUCTION AREA AFTER THE BACKFILLING IS COMPLETED, AND, AS DIRECTED BY THE PROJECT REPRESENTATIVE, HE SHALL PROCEED TO RESTORE TO ITS ORIGINAL CONDITION ALL STREETS, DRIVEWAYS, SIDEWALKS, CURBS, GUTTERS, STRUCTURES, AND ALL AREAS THAT WHERE DAMAGED, DISTURBED, OR OCCUPIED BY THE CONTRACTOR IN CONNECTION WITH ANY PHASE OF THE WORK.

PAVEMENT, TREES, SHRUBS, FENCES, POLES OR OTHER PROPERTY AND SURFACE STRUCTURES WHICH HAVE BEEN DAMAGED, REMOVED, OR DISTURBED BY THE CONTRACTOR, WHETHER DELIBERATELY OR THROUGH FAILURE TO CARRY OUT THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, STATE LAWS, MUNICIPAL ORDINANCES, OR THE SPECIFIC DIRECTION OF THE PROJECT REPRESENTATIVE, THROUGH FAILURE TO EMPLOY USUAL AND REASONABLE SAFEGUARDS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

7. PAVEMENT REMOVED
WHERE PLANS REQUIRE PAVEMENT REMOVED AT EXISTING ROADS OR PAVED AREAS TO REMAIN, SAWING OF PAVEMENT PRIOR TO PAVEMENT REMOVAL IS INCIDENTAL. IF FULL DEPTH PAVEMENT IS NOT ENCOUNTERED, IT IS THE INTENT TO REPLACE WITH FULL DEPTH TO EXISTING EDGE OF FULL DEPTH PAVEMENT. EXISTING PAVEMENT THAT IS LOCATED CLOSE TO LARGE TREES SHOULD BE REMOVED BY HAND IN ORDER TO KEEP TREES UNHARMED.

8. UTILITY ADJUSTMENTS TO GRADE
MANHOLES, VALVE BOXES, CURB BOXES, CHAMBERS AND OTHER STRUCTURES SHALL BE ADJUSTED TO GRADE PER THE GIVEN UTILITY COMPANY'S RULES AND REGULATIONS. EXCAVATION SHALL BE THROUGH WHATEVER MATERIAL IS ENCOUNTERED. EXISTING CASTINGS TO BE REUSED OR REPLACED IF NOT IN GOOD CONDITION.

EROSION CONTROL

1. THE CONTRACTOR(S) SHALL CONDUCT HIS WORK IN AN ENVIRONMENTALLY SOUND MANNER AND SHALL UTILIZE "BEST MANAGEMENT PRACTICES" (BMP'S) TO REDUCE OR ELIMINATE POLLUTANTS IN STORM WATER DISCHARGES DURING THE CONSTRUCTION OF THIS PROJECT.

2. PROVIDE EROSION CONTROL DEVICES COMPLETELY AROUND ADJACENT STORM WATER STRUCTURES.

3. CONTRACTORS ARE ADVISED THAT CARE SHOULD BE EXERCISED DURING UNDERGROUND EXCAVATION IN THE EVENT THAT UTILITY LINES ARE PRESENT THAT ARE UNCHARTED.

4. THE EXISTING UTILITY INFORMATION DEPICTED ARE APPROXIMATE LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE LOCATION OF ALL EXISTING UTILITIES (2) TWO WORKING DAYS BEFORE ANY EXCAVATION OCCURS ON SITE AND PRIOR TO THE COORDINATION OF THE NEW UTILITIES LAYOUT AND INSTALLATION. CALL 811 BEFORE YOU DIG.

5. IF, DURING THE CONSTRUCTION, INTERFERENCE ARISES WITH EXISTING UTILITIES IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE UTILITY COMPANY INVOLVED. THE CONTRACTOR SHALL NOTIFY, AT LEAST (7) SEVEN DAYS BEFORE BREAKING GROUND, ALL PUBLIC SERVICE CORPORATIONS HAVING WIRES, POLES, PIPES, CONDUITS, MANHOLES, OR OTHER STRUCTURES THAT MAY BE AFFECTED BY THIS OPERATION, INCLUDING ALL STRUCTURES WHICH ARE AFFECTED AND NOT SHOWN ON THESE PLANS. THERE WILL BE NO DELAYS ALLOWED FOR UTILITY INTERFERENCES.

6. ALL AREAS DISTURBED OR DAMAGED OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE REPAIRED AT NO COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER.

7. THERE SHALL BE NO CONSTRUCTION EQUIPMENT, VEHICLES, OR STORAGE ON ANY FINISHED SURFACES.

8. PRIOR TO COMMENCEMENT OF EARTH DISTURBING ACTIVITIES, A PRE-CONSTRUCTION MEETING IS TO BE HELD. ALL REQUIRED CONTACT NAMES AND NUMBER WILL BE LISTED ON A PRE-CONSTRUCTION MEETING FORM PROVIDED SEPARATELY BY ARCHITECT. ANY SUBCONTRACTOR(S) REQUIRED TO BE A CO-PERMITTEE BY LOCAL JURISDICTIONS MUST BE LISTED AND PROVIDE A COPY OF THEIR NOTICE OF INTENT OR CO-PERMIT TO THE OWNER AND ATTACH TO THIS SWP3.

9. PROJECT INFORMATION: THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO, EARTHWORK MOVEMENT IN PREPARATION OF AN EMERGENCY RESPONSE STATION, SANITARY SEWER SERVICE, DOMESTIC WATER SERVICE LINE, PARKING LOTS, ROADS, AND POWER.

CONSTRUCTION SEQUENCE

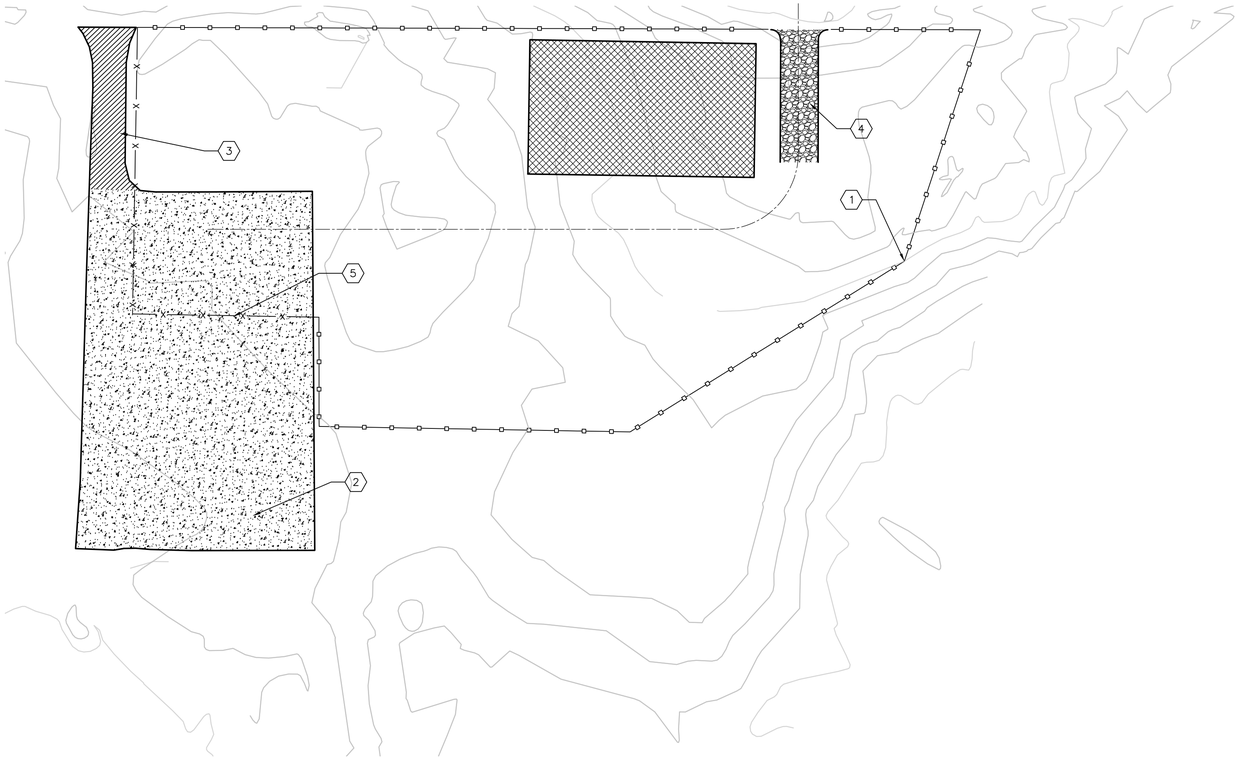
1. INSTALL TEMPORARY CONSTRUCTION ENTRANCE PER THE SITE DRAWINGS BEFORE ANY CONSTRUCTION BEGINS OR SUPPLIES ARE DELIVERED.

2. ALL PERIMETER SILT FENCE AND OTHER INITIAL EROSION CONTROLS APPLICABLE ON THE SITE DRAWINGS SHALL BE IN PLACE BEFORE ANY OTHER EARTH MOVING ACTIVITIES COMMENCE.

3. POST ALL APPLICABLE SIGNS, INCLUDING THE NOTICE OF INTENT (NOI), AND HAVE THIS SWP3 WITH EROSION AND SEDIMENT CONTROL PLANS AT THE SITE FOR CONTINUAL USE AND MODIFICATION. POST "CONSTRUCTION SITE NOTICE" SIGN INCLUDING INFORMATION SUCH AS THE GENERAL CONTRACTOR NAME, GENERAL CONTRACTOR ADDRESS, GENERAL CONTRACTOR CONTACT/NUMBER, AND PROJECT NAME.

4. PHASING OF WORK TO ALLOW EXISTING VEGETATIVE AREAS OR BUFFERS TO REMAIN AS LONG AS POSSIBLE IS ENCOURAGED.

5. EROSION CONTROL DEVICES MUST BE INSPECTED ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF 0.5 INCHES OR GREATER RAINFALL. FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. THE INSPECTION REPORT MUST INCLUDE AT A MINIMUM:
A. INSPECTION DATE
B. NAMES, TITLES AND QUALIFICATIONS OF INSPECTION PERSONNEL
C. WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION OF ACTIVITY IF 1ST INSPECTION)
D. WEATHER INFO AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF INSPECTION
E. LOCATION(S) OF BMP'S THAT NEED TO BE MAINTAINED
F. LOCATION(S) OF BMP'S THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION
G. LOCATION(S) WHERE ADDITIONAL BMP'S ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION
H. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SW



Site Demolition Plan

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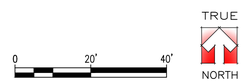
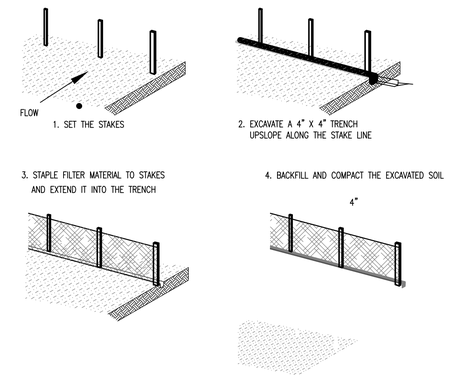
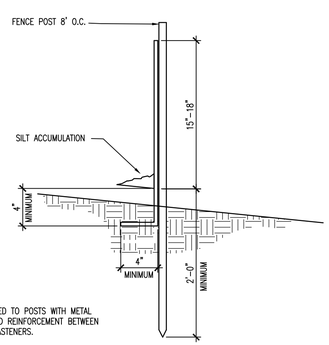




NOTE: CONTRACTOR SHALL ALSO CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL DEVICES IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.

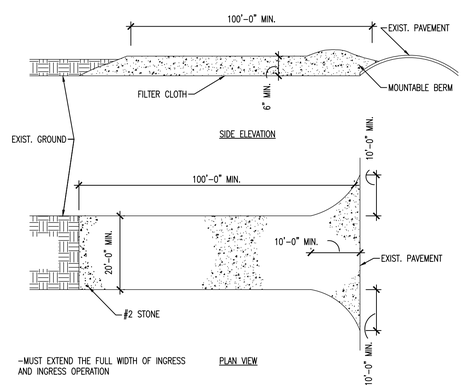
A1 Silt Fence and Filter Barrier Placement

NTS



A2 Typical Silt Fence Section

NTS



A3 Stone Construction Entrance

NTS

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STATE OF OHIO
PATRICK D. HOAGLAND
#663
REGISTERED
LANDSCAPE ARCHITECT

Legend

- SILT FENCING
- CONSTRUCTION FENCE
- PARKING AND MATERIALS STORAGE
- EXISTING PARKING LOT TO BE RESURFACED & RESTRIPED
- EXISTING ENTRY ROAD TO IN USE DURING CONSTRUCTION
- CONSTRUCTION ENTRANCE

Coded Notes

1. EROSION CONTROL SILT FENCE
2. EXISTING PARKING LOT TO BE RESURFACED AND RESTRIPED
3. EXISTING PARK ENTRY ROAD TO REMAIN DURING CONSTRUCTION AND DEMOLISHED AT THE END OF CONSTRUCTION
4. CONSTRUCTION ENTRANCE (SEE DETAIL A3/C-101).
5. CONSTRUCTION FENCE

OHIO 811

Revisions:
Issue Date: 6/22/2022

HOWE ROAD PARK
PARK ENTRANCE
988 E HOWE ROAD
TALLMADGE, OH 44278

Demolition & SWPPP Plan

Project No.
21128

C-101

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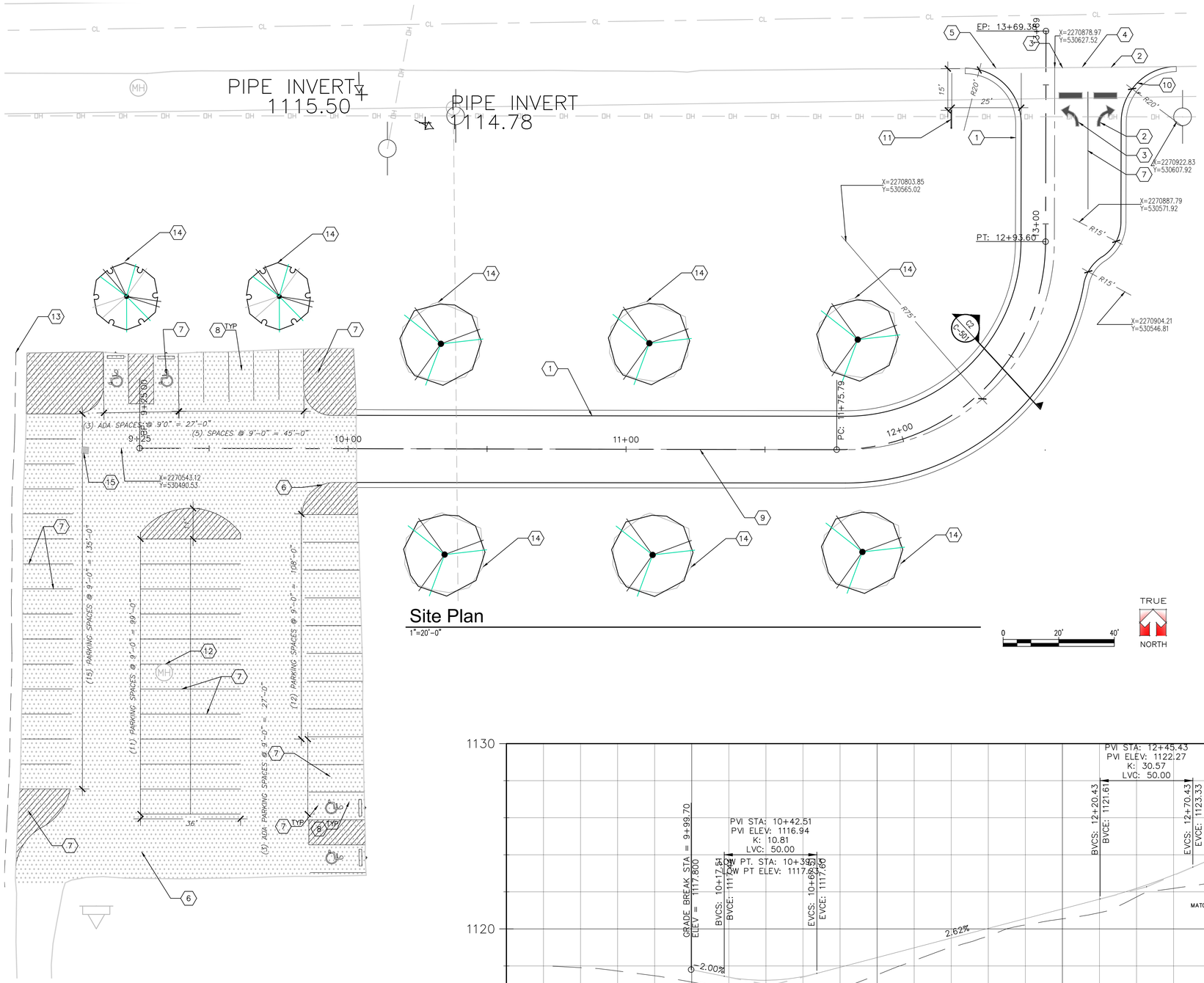

Site Plan

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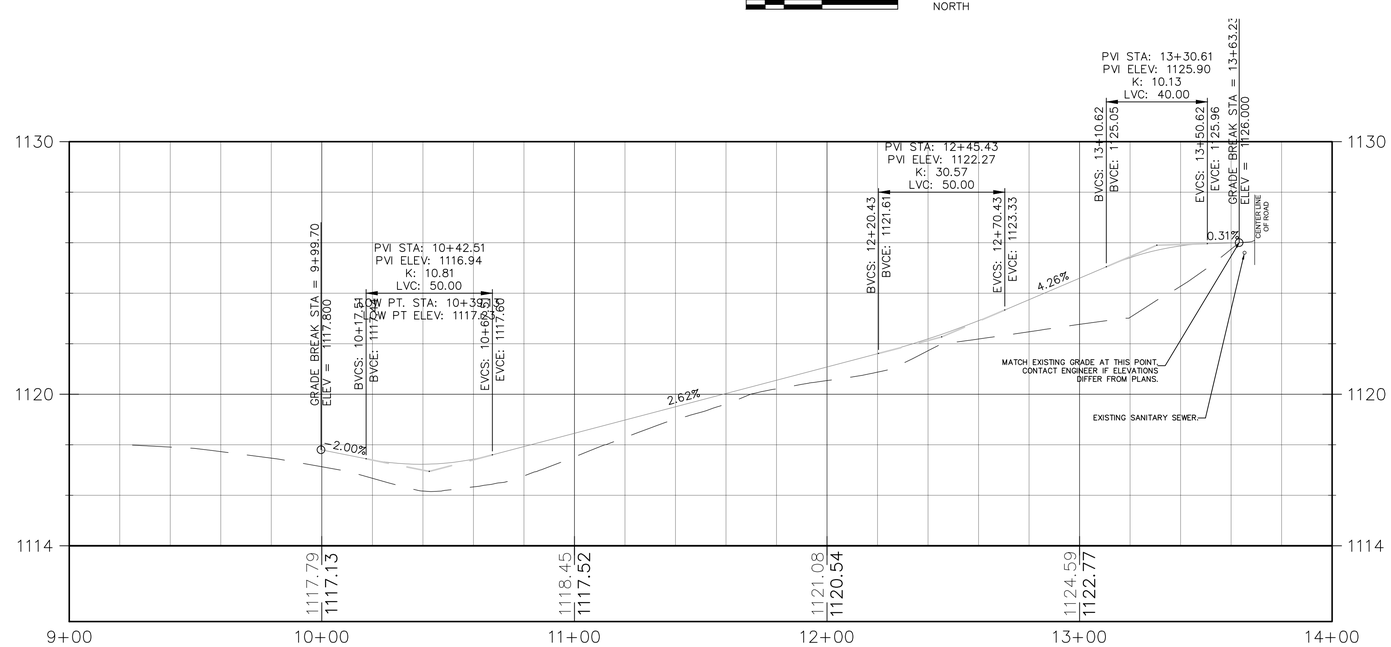

Site Profile

Horizontal scale: 1"=30'-0" Vertical scale: 1"=30'-0"

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OHIO 811

Legend

- ASPHALT ROAD – SEE D1/C-501
- 2" OVERLAY OF EXISITING PARKING LOT

Coded Notes

1. ASPHALT ROAD WITH ODOT ITEM 304 SHOULDER (SEE A3/C-501)
2. RIGHT TURN LANE
3. LEFT TURN LANE
4. MATCH EXISTING
5. SEE EDGE KEY DETAIL (B1/C-501)
6. 2" ASPHALT OVERLAY (SEE C1/C-501)
7. PAVEMENT MARKING PER ODOT SECTION 640/642/644
8. ADA PARKING SPACE TYP. (SEE B2/C-501)
9. 4" CENTER LINE (COLOR: TRAFFIC WHITE)
10. STOP SIGN (SEE B3/C-501)
11. PARK ENTRANCE SIGN
12. PAVE TO EDGE OF EXISITING MANHOLE RIM
13. GUARDRAIL TO BE INSTALLED BY OWNER
14. FUTURE TREES BY OTHERS
15. INSTALL CONCRETE COLLAR AT STORM DRAIN RIM TO RAISE ELEVATION. MAINTAIN RIM SLIGHTLY LOWER THAN SURROUNDING PAVING.

Revisions:
Issue Date: 6/22/2022

HOWE ROAD PARK
PARK ENTRANCE
988 E HOWE ROAD
TALLMADGE, OH 44278

Layout & Materials Plan

Project No. 21128

C-102

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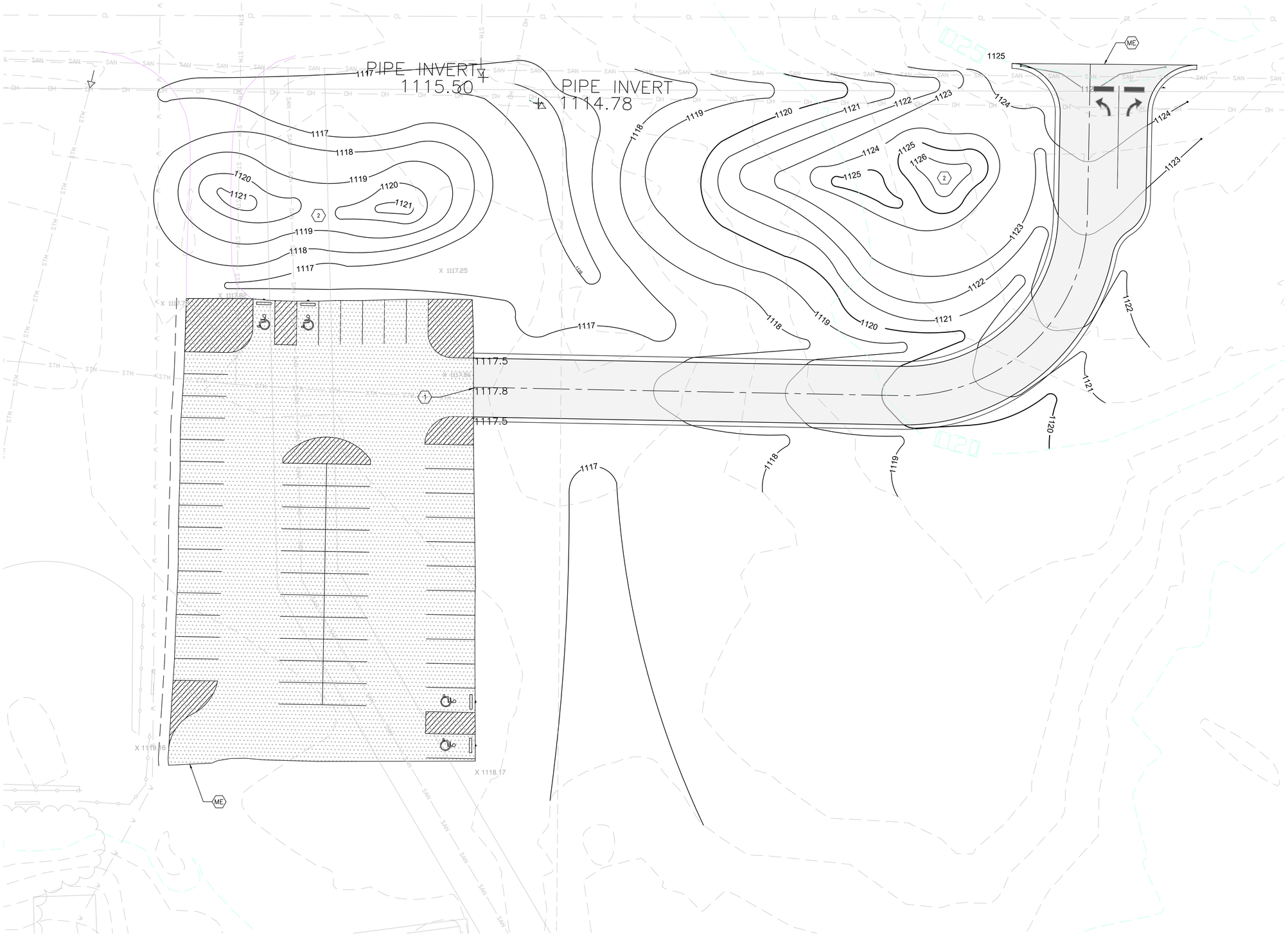

Grading & Drainage Plan

1"=20'-0"

TRUE NORTH

0 20' 40'

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Legend

	EXISTING CONTOUR
505	NEW CONTOUR
ME	MATCH EXISTING
X 961.03	EXISTING SPOT ELEVATION
+961.03	PROPOSED SPOT ELEVATION

Coded Notes

1. NEW ASPHALT ROAD TO MATCH EXISTING IN THIS LOCATION
2. CITY TO PROVIDE SOIL NEEDED TO CREATE MOUNDS

OHIO 811

Revisions:
Issue Date: 6/22/2022

HOWE ROAD PARK
PARK ENTRANCE
988 E HOWE ROAD
TALLMADGE, OH 44278

Grading & Draining Plan

Project No.
21128

C-103

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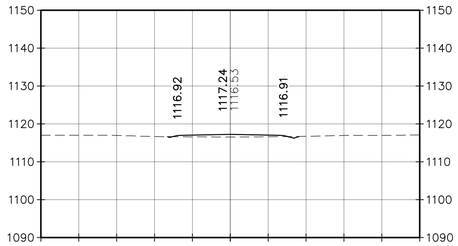

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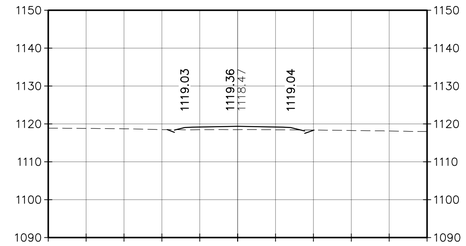

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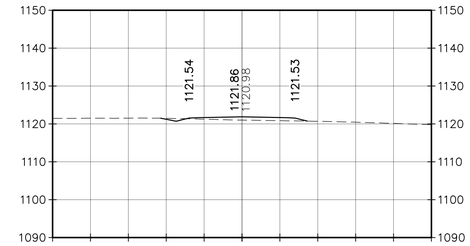

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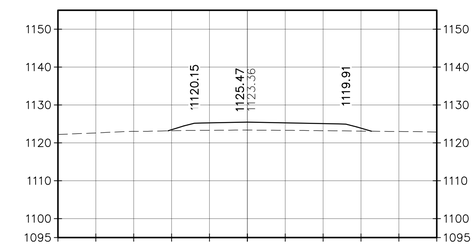

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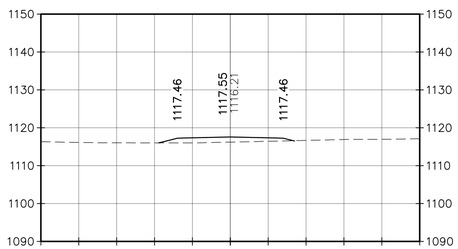

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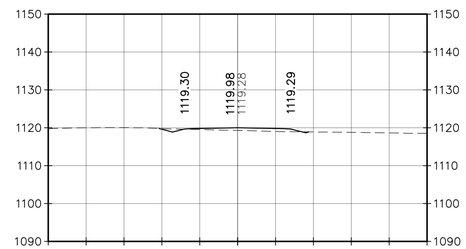

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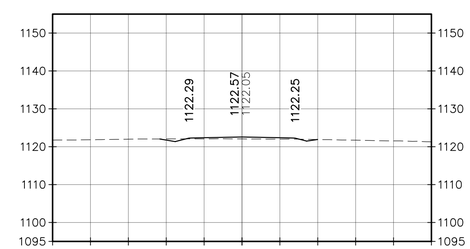

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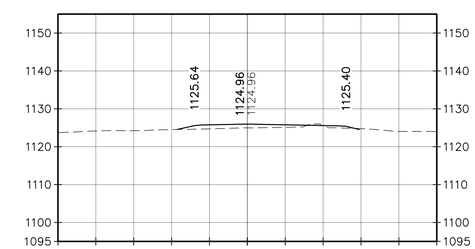

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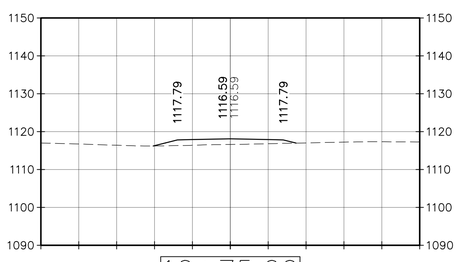

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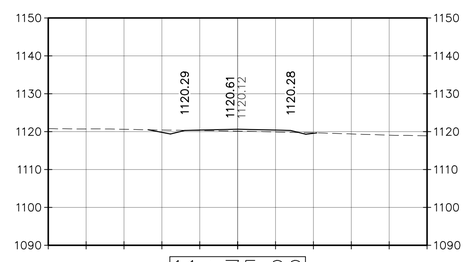

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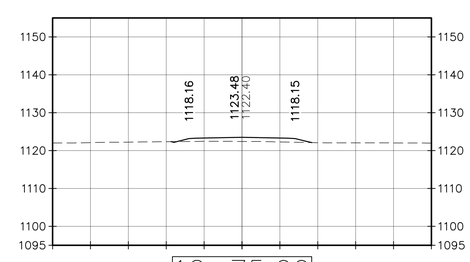

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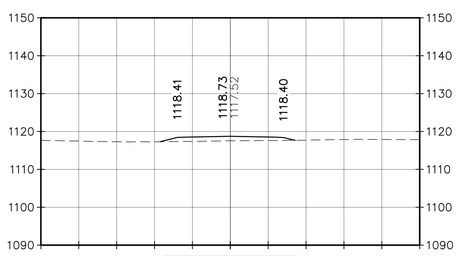

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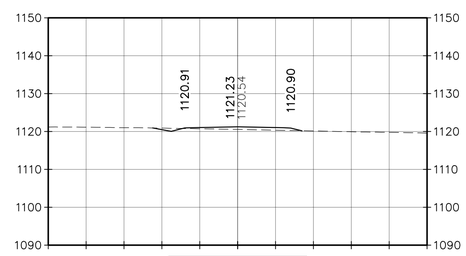

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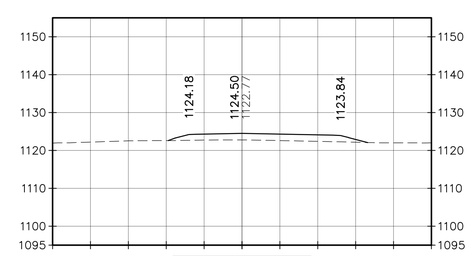

13+00.00

Cross Sections

Horizontal scale: 1"=20'-0"; Veritcal Scale: 1"=2'-0"

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Revisions:
Issue Date: 6/22/2022

HOWE ROAD PARK
PARK ENTRANCE
988 E HOWE ROAD
TALLMADGE, OH 44278

Cross Sections

Project No.
21128

C-301

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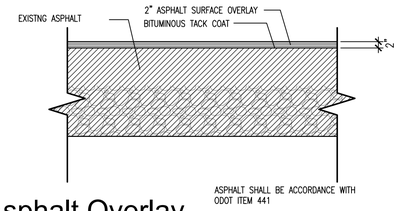
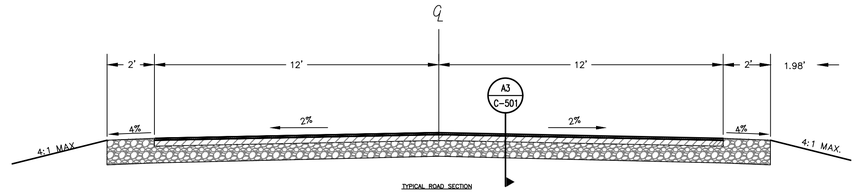
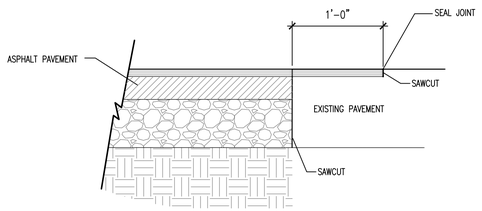


C1 Asphalt Overlay
1" = 1'-0"

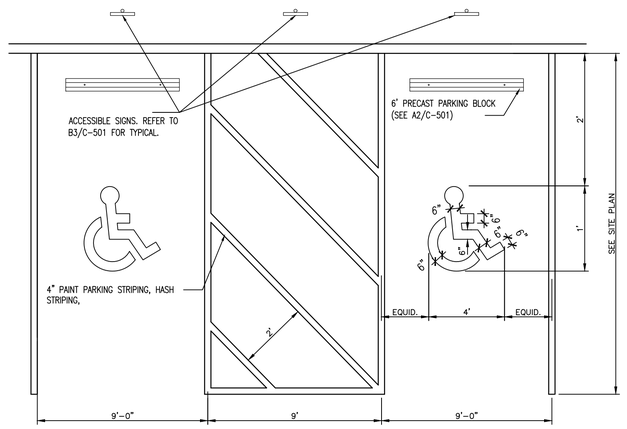


C2 Road Section
NTS



NOTES:
1. ALL SAWCUTS SHALL BE NEAT AND STRAIGHT.
2. IMMEDIATELY BEFORE LAYING NEW BITUMINOUS COURSES, ALL SAW CUT EDGES CLEANED OF DUST DEBRIS AND SPRAYED WITH A BITUMINOUS TACK COAT.
3. SEAL JOINTS WITH RUBBERIZED HOT POUR CRACK SEALANT.
4. ASPHALT SHALL BE ACCORDANCE WITH ODOT ITEM 441

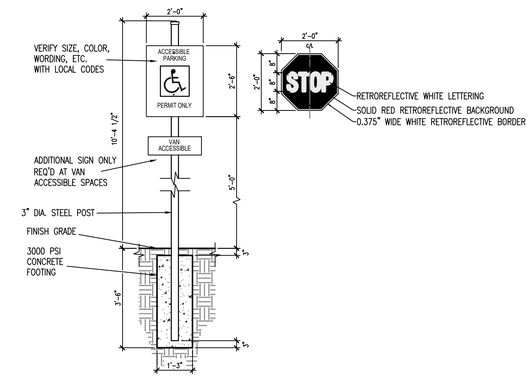
B1 Edge Key
1" = 1'-0"



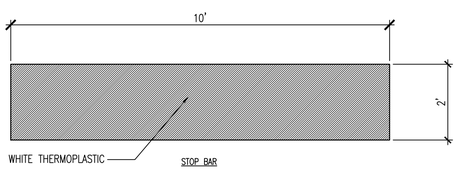
NOTE: PARKING BLOCKS AND ACCESSIBLE SIGNS ARE REQ'D @ EACH HANDICAPPED PARKING SPACE

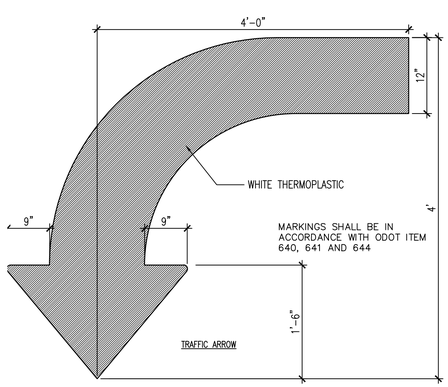
MARKINGS SHALL BE IN ACCORDANCE WITH ODOT ITEM 640, 641 AND 642

B2 Accessible Pavement Marking Layout
1"=1'-0"

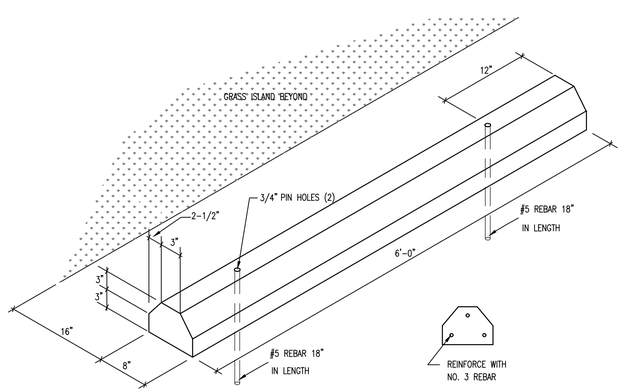


B3 ADA Accessible Parking & Stop Sign
3/4"=1'-0"





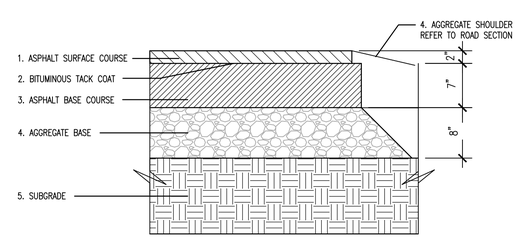
A1 Typical Traffic Markings
1" = 1'-0"



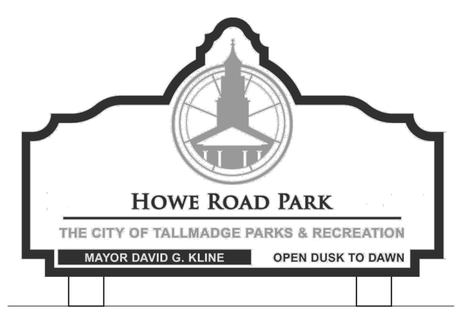
A2 Precast Concrete Parking Block
1" = 1'-0"

NOTES:
1. ODOT ITEM 441 – 2" ASPHALT CONC. SURFACE COURSE, TYPE I, (448) CRUSHED AGGREGATE – LIMESTONE PREFERRED W/ MIN. 60% BY WEIGHT FRACTURED PIECES
2. ODOT ITEM 407 – TACK COAT (.1 GAL/SY OR ODOT ITEM 442 CHIP SEAL IF PAVEMENT USED FOR CONSTRUCTION TRAFFIC PRIOR TO SURFACE PLACEMENT)
3. ODOT ITEM 302 – 7" ASPHALT CONC. BASE (PLACED IN 2 –3 1/2" LIFTS)
4. ODOT ITEM 304 – 8" AGGREGATE BASE
5. ODOT ITEM 203 EXCAVATION & EMBANKMENT AND ODOT ITEM 204 SUBGRADE COMPACION

ODOT ITEM REFERENCES ARE PER THE 2019 CONSTRUCTION & MATERIAL SPECIFICATION (CMS). CROSS REFERENCE TO CURRENT CMS AT TIME OF CONSTRUCTION



A3 Asphalt Section
1" = 1'-0"



NOTE: 70" X 43" BLUE/WHITE/BLUE. USE 4" X 4" POSTS THAT ARE TWO-SIDED ROUTED. USE COLOR FILL FOR LOGO AND "THE CITY OF TALLMADGE..." (GOLD) AND 32" X 3.5" FULL-COLOR ACRYLIC INSERT (MAYOR). TEXT AND GRAPHICS TO BE PROVIDED BY OWNER. PROVIDE SHOP DRAWINGS. SIGN TO BE TWO-SIDED.

A4 Park Entry Sign
NTS

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STATE OF OHIO
PATRICK O. HOAGLAND
#663
REGISTERED
LANDSCAPE ARCHITECT

OHIO 811

Revisions:
Issue Date: 6/22/2022

HOWE ROAD PARK
PARK ENTRANCE
988 E HOWE ROAD
TALLMADGE, OH 44278

Site Details

Project No.
21128

C-501

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