

LEGEND	
	HEAVY DUTY ASPHALT PAVEMENT RE: 5/C800
	STANDARD DUTY ASPHALT PAVEMENT RE: 5/C800
	HEAVY DUTY CONCRETE PAVEMENT RE: 5/C800
	REINFORCED CONCRETE PAD RE: 5/C800
	CONCRETE SIDEWALK RE: 9/C800

Access road for crane

Crane & Access

Lay-Down Yard

GENERAL SITE NOTES:

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL MUNICIPAL REGULATIONS AND CODES, WHICHEVER IS MORE STRINGENT.
- ALL WORK AND MATERIALS SHALL COMPLY WITH O.S.H.A. STANDARDS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES' SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- REFER TO LANDSCAPE PLANS FOR GRASS, TREES, AND PLANTED MATERIALS.
- ALL DIMENSIONS AND COORDINATES ARE FROM FACE OF CURB UNLESS SHOWN OTHERWISE.
- RADIUS = 2'-0" UNLESS OTHERWISE INDICATED.

GENERAL PAVING NOTES:

- ALL MATERIALS, EXECUTION, AND TESTING TO CONFORM TO A.H.J. REQUIREMENTS (I.E. LOCAL OR STATE DOT STANDARDS AND SPECIFICATIONS).
- ALL PAVING AND EARTHWORK OPERATIONS SHALL CONFORM TO THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
- CONTRACTOR TO PROVIDE PRODUCT DATA SUBMITTALS INCLUDING, BUT NOT LIMITED TO, DESIGNS, MATERIAL CERTIFICATES, AND MATERIAL TEST REPORTS FOR MATERIALS AND PRODUCTS ASSOCIATED WITH PAVING AND PAVEMENT MARKING OPERATIONS.
- CONTRACTOR SHALL DEVELOP AND IMPLEMENT PROPER TRAFFIC CONTROL IN CONFORMANCE WITH THE LATEST REVISION OF THE MUTCD. ACCESS FOR EMERGENCY VEHICLES AND LOCAL TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- PAVEMENT SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND TO THE GRADES AND ELEVATIONS REQUIRED BY THE CONSTRUCTION DOCUMENTS.
- PAVEMENT CONTRACTOR TO INSPECT PAVEMENT SUBGRADE AND CORRECT ANY DEFICIENCIES PRIOR TO PAVING OPERATIONS.
- CONTRACTOR TO COORDINATE CONSTRUCTION TESTING UNLESS OTHERWISE INDICATED IN THE CONSTRUCTION DOCUMENTS.
- THE PAVEMENT SECTIONS SHOWN IN DETAIL 5/C800 ARE SHOWN FOR REFERENCE AND WERE PROVIDED BY BUILDING & EARTH SCIENCES, INC. BASED ON SITE SPECIFIC CONDITIONS AS OUTLINED IN THEIR REPORT DATED 03/05/24. ANY QUESTIONS REGARDING THE SUITABILITY OF THESE OR ALTERNATE PAVEMENT SECTIONS, SPECIFIC PAVEMENT MAINTENANCE REQUIREMENTS, OR POTENTIAL PAVEMENT LIFE SHOULD BE DIRECTED TO BUILDING & EARTH SCIENCES, INC. AS THIS IS BEYOND WALLACE'S SCOPE OF SERVICES FOR THIS PROJECT.

ASPHALT PAVEMENT:

- CONSTRUCT JOINTS TO ENSURE A CONTINUOUS BOND BETWEEN ADJOINING PAVEMENT SECTIONS. OFFSET LONGITUDINAL JOINTS, IN SUCCESSIVE COURSES, A MINIMUM OF 6 INCHES AND TRANSVERSE JOINTS A MINIMUM OF 24 INCHES.
- WHERE DIFFERENT THICKNESS PAVEMENTS ABUT, PROVIDE A THICKENED EDGE ON THE THINNER PAVEMENT SECTION, WHICH TRANSITIONS TO THE THICKER PAVEMENT DEPTH ACROSS FOUR FEET.
- UNIFORM DENSITY REQUIREMENTS:
 - 11.1. AVERAGE DENSITY: 98 PERCENT OF REFERENCE LABORATORY DENSITY ACCORDING TO ASTM D 8927 BUT NOT LESS THAN 94 PERCENT OR GREATER THAN 100 PERCENT.
 - 11.2. AVERAGE DENSITY: 92 PERCENT OF REFERENCE MAXIMUM THEORETICAL DENSITY ACCORDING TO ASTM D 2941 BUT NOT LESS THAN 90 PERCENT OR GREATER THAN 96 PERCENT.
- INSTALLATION TOLERANCES:
 - 12.1. PAVEMENT THICKNESS: BASE COURSE PLUS OR MINUS 1/2 INCH; SURFACE PLUS 1/4 INCH.
 - 12.2. PAVEMENT SMOOTHNESS: BASE COURSE 1/4 INCH IN 10 FEET; SURFACE COURSE 1/8 INCH IN 10 FEET.

CONCRETE PAVEMENT:

- CONCRETE PLACEMENT TO CONFORM TO ACI 301.3 / 306 / 330 REQUIREMENTS.
- CONCRETE MATERIAL:
 - 14.1. 28 DAY COMPRESSIVE STRENGTH: 4000 PSI MINIMUM
 - 14.2. MAXIMUM W/C RATIO AT POINT OF PLACEMENT: 0.45

- SLUMP: 4 INCHES PLUS OR MINUS 1 INCH
- AIR CONTENT: 6 PERCENT PLUS OR MINUS 1-1/2 PERCENT

- STEEL:
 - 15.1. GRADE 60
 - 15.2. COMPLY WITH CRSI'S 'MANUAL OF STANDARD PRACTICE' FOR FABRICATION, PLACEMENT, AND SUPPORT.

- JOINTS:
 - 16.1. FORM CONSTRUCTION, ISOLATION, AND CONTRACTION JOINTS WITH FACES PERPENDICULAR TO SURFACE PLANE OF CONCRETE. WHEN JOINING EXISTING PAVING, PLACE JOINTS TO ALIGN WITH PREVIOUSLY PLACED JOINTS UNLESS OTHERWISE INDICATED.
 - 16.2. FORM ISOLATION JOINTS OF PREFORMED JOINT FILLER STRIPS ABUTTING LIGHT STANDARD FOUNDATIONS, MANHOLES, INLETS, STRUCTURES, OR OTHER FIXED OBJECTS. EXTEND JOINT FILLERS THE FULL WIDTH AND DEPTH OF PAVEMENT. CONTRACTION JOINT DEPTH TO BE 1/4 OF THE TOTAL CONCRETE THICKNESS. JOINTS SHOULD EXTEND THROUGH ADJACENT CURB AND GUTTER.
 - 16.3.
 - 16.4.

- JOINT SPACING:
 - 17.1. JOINT SPACING SHALL NOT EXCEED 24 TO 30 TIMES THE PAVEMENT THICKNESS (E.G. 0.5 THICK CONCRETE x 30 = 15 MAXIMUM JOINT SPACING) WITH A MAXIMUM SPACING OF 15 FEET.
 - 17.2. LAY OUT JOINTS TO FORM SQUARE PANELS. WHEN THIS IS NOT PRACTICAL, RECTANGULAR PANELS CAN BE USED, BUT THE LENGTH SHALL NOT BE MORE THAN 25% LONGER THAN THE WIDTH (E.G. A 15' LONG PANEL CANNOT BE WIDER THAN 12').
 - 17.3. CONTRACTOR TO SUBMIT A JOINT LAYOUT PLAN FOR REVIEW AND APPROVAL PRIOR TO COMMENCING PAVING OPERATIONS. CONTRACTOR TO TAKE INTO ACCOUNT REVIEW TIME AND CHANGES PER ANY COMMENTS WHEN SCHEDULING THE SUBMISSION OF THE JOINT LAYOUT PLAN.

- REINFORCEMENT OF IRREGULARLY SHAPED PANELS OR MISMATCHED JOINTS:
 - 18.1. ON PANELS WITH RAIL ON PANELS THAT TAPER TO A SHARP ANGLE AND/OR WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 1.25, PROVIDE A MINIMUM OF 0.05

- PERCENT STEEL IN BOTH DIRECTIONS ACROSS THE ENTIRE PANEL.
- WHERE JOINT PATTERNS OF ABUTTING PAVEMENTS DO NOT MATCH AND ARE NOT SEPARATED BY AN EXPANSION JOINT, PROVIDE A MINIMUM OF 0.05 PERCENT STEEL IN THE PAVEMENT OPPOSITE OF THE MISMATCHED JOINT FOR A DISTANCE OF THREE FEET BACK FROM THE JOINT ALONG THE FULL WIDTH OF THE PANEL.

- WHERE DIFFERENT THICKNESS PAVEMENTS ABUT, PROVIDE A THICKENED EDGE ON THE THINNER PAVEMENT SECTION WHICH TRANSITIONS TO THE THICKER PAVEMENT DEPTH ACROSS FOUR FEET.
- PROVIDE MEDIUM TO FINE TEXTURED BROOM FINISH UNLESS OTHERWISE INDICATED ON THE PLANS.

- INSTALLATION TOLERANCES:
 - 21.1. ELEVATION: 1/4 INCH
 - 21.2. THICKNESS: PLUS 3/8 INCH, MINUS 1/4 INCH
 - 21.3. SURFACE: 1/4 INCH IN 10 FEET

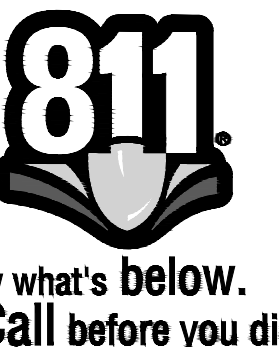
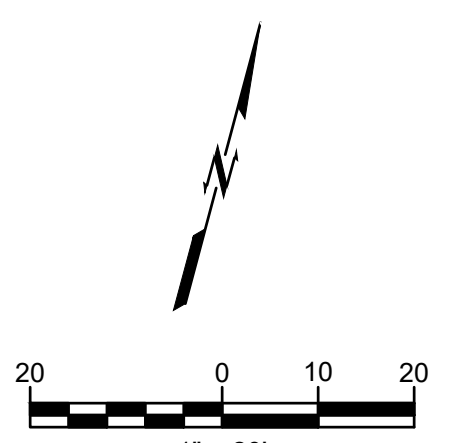
PAVEMENT MARKINGS:

- ALLOW PAVING TO AGE A MINIMUM OF 30 DAYS BEFORE STARTING PAVEMENT MARKING OPERATIONS.
- PAVEMENT MARKING PAINT SHALL BE ACRYLIC, WATERBORNE EMULSION, LEAD AND CHROMATE FREE, READY MIXED, COMPLYING WITH PS TT-P1952, TYPE II, WITH A DRYING TIME OF LESS THAN THREE MINUTES.
- COLOR AS INDICATED.

BENCHMARKS:

BENCHMARKS PER TOPOGRAPHIC SURVEY COMPLETED BY WALLACE DESIGN COLLECTIVE, PC, DATED 09/21/2023.

Benchmark	Benchmark	Benchmark	Benchmark
Magnetic Nail	Magnetic Nail	3/8" Iron Pin	3/8" Iron Pin
ELEV=773.18	ELEV=677.58	ELEV=673.81	ELEV=644.35
N=434107.818	N=433047.414	N=433697.839	N=432880.184
E=2627839.189	E=2628230.607	E=2629025.480	E=2629289.241



CAUTION
NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES.

