

Happy Hollow Park Ravine Footpath Repair

November 15, 2012

OWNER:

City of West Lafayette, Indiana

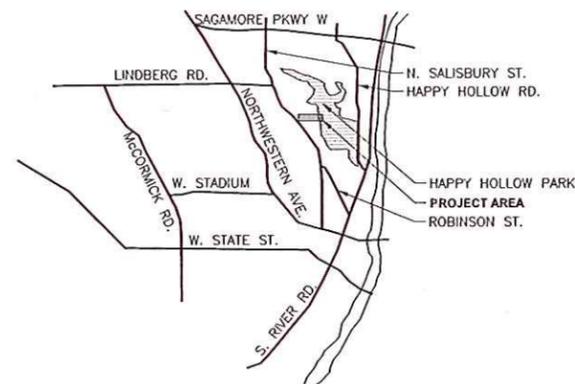
Department of Parks and Recreation
609 West Navajo Street
West Lafayette, Indiana 47906
(765) 775.5110

CONSULTANTS:

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Lafayette, Indiana 47901
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VICINITY MAP - WEST LAFAYETTE, IN



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PROJECT INFORMATION

PROJECT LENGTH

ALIGNMENT 1: STATIONS 10+00 TO 14+94.15 (495.15 FEET)

ALIGNMENT 2: STATIONS 10+00 TO 15+59.27 (559.27 FEET)

PROJECT LIMITS

PARK ACCESS POINT AT THE NORTHEAST SIDE OF NORTH SALISBURY STREET BETWEEN CARROLTON BLVD AND NORTH GRANT STREET. BEGINNING AT THE BOTTOM OF THE EXISTING BOARDWALK STAIRS TO THE INTERSECTION WITH THE EXISTING HAPPY HOLLOW PARK TRAIL.

CONTROL POINT TABLE

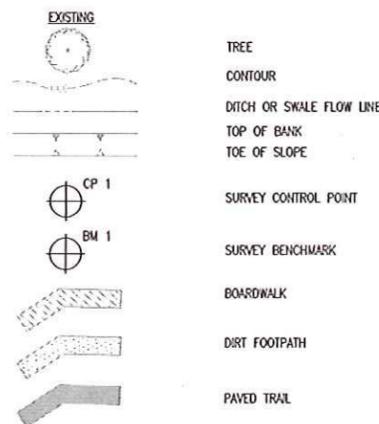
POINT #	NORTHING	EASTING	ELEV	DESCRIPTION
1	1891720.21	3000761.42	714.13	MAG NAL W/TBRD TRAV. PT. WASHER SET
2	1891103.36	3001322.80	720.07	MAG NAL W/TBRD TRAV. PT. WASHER SET
3	1891386.27	3002530.75	576.17	1/2" REBAR W/TBRD TRAV. PT. CAP SET
4	1891004.03	3003015.93	565.06	1/2" REBAR W/TBRD TRAV. PT. CAP SET
12	1892383.95	3002247.68	595.92	MAG NAL W/TBRD TRAV. PT. WASHER SET
13	1892182.41	3002491.46	588.10	MAG NAL W/TBRD TRAV. PT. WASHER SET
14	1891771.56	3002609.48	582.69	MAG NAL W/TBRD TRAV. PT. WASHER SET
105	1891825.66	3000827.08	689.64	1/2" REBAR W/TBRD TRAV. PT. CAP SET
106	1891838.44	3000851.12	677.74	1/2" REBAR W/TBRD TRAV. PT. CAP SET
107	1891947.84	3001037.11	683.13	1/2" REBAR W/TBRD TRAV. PT. CAP SET
108	1892063.20	3001250.78	665.92	1/2" REBAR W/TBRD TRAV. PT. CAP SET
109	1892226.48	3001391.29	660.04	1/2" REBAR W/TBRD TRAV. PT. CAP SET
110	1892358.13	3001659.40	622.57	1/2" REBAR W/TBRD TRAV. PT. CAP SET
111	1892276.21	3001910.68	610.52	1/2" REBAR W/TBRD TRAV. PT. CAP SET

BENCHMARK TABLE

POINT #	ELEV	DESCRIPTION
97	625.46	"X" CUT IN NORTH RIM OF MANHOLE
98	655.23	T POST SET 2.0' ABOVE GRADE, 12' NORTH OF TRAIL CENTERLINE AND 5' SOUTHEAST OF 6' BOULDER
99	682.07	T-POST SET 2.0' ABOVE GRADE 5' SOUTH OF TRAIL CL & 5' EAST OF 15" BASSWOOD
100	715.03	"X" CUT IN NORTHERN BONNET BOLT IN FIRE HYDRANT @ CARROLLTON & SALISBURY

NOTE: NOT ALL SURVEYED BENCHMARKS AND CONTROL POINTS LISTED ABOVE ARE SHOWN ON THESE DRAWINGS. COMPLETE SURVEY DRAWINGS ARE AVAILABLE UPON REQUEST FROM THE OWNER.

LEGEND



ABBREVIATIONS

ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
ALSC	AMERICAN LUMBER STANDARD COMMITTEE
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
AWPA	AMERICAN WOOD PROTECTION ASSOCIATION
BM	BENCHMARK
CP	CONTROL POINT
DOC PS 20	AMERICAN SOFTWOOD LUMBER STANDARD PS 20
E	EAST
ELEV	ELEVATION
INDOT	INDIANA DEPARTMENT OF TRANSPORTATION
LBS	POUNDS
N	NORTH
NO.	NUMBER
PI	POINT OF INTERSECTION
TBR	TO BE REMOVED
TYP	TYPICAL
S	SOUTH
SF	SQUARE FOOT (FEET)
W	WEST

GENERAL NOTES

- PROTECT ALL TREES TO REMAIN FROM CONSTRUCTION ACTIVITIES.
- TREES TO BE REMOVED SHALL BE TAGGED FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO REMOVAL BY THE CONTRACTOR.
- ALL EXCAVATED SOIL SHALL BE PROPERLY DISPOSED OF ON-SITE IN A MANNER THAT WILL NOT ALLOW RUN OFF OF SEDIMENTS INTO DITCHES OR CREEKS. DEPOSIT EXCAVATED MATERIAL AT LEAST 50 FEET AWAY FROM ANY DITCH, STREAM OR CHANNEL THAT MAY CONVEY RUNOFF. DO NOT DEPOSIT MATERIAL ON SLOPES STEEPER THAN 4:1. SPREAD EXCAVATED MATERIAL TO A DEPTH OF 2" MAXIMUM, EXCEPT AT DEPRESSION IN THE LANDSCAPE THAT MAY BE FILLED WITHOUT THE POSSIBILITY OF CONVEYANCE. TAMP COMPACT EXCAVATED MATERIAL AND COVER WITH 3" MINIMUM DEPTH LEAVES OR STRAW MULCH TO PROTECT IT FROM EROSION.
- THE CONTRACTOR SHALL SUBMIT ANY REVISIONS TO THE CONSTRUCTION STAGING PLAN FOR APPROVAL BY THE OWNER PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES OR DELIVERING MATERIALS TO THE SITE.
- BOLT HOLES SHALL BE $\frac{1}{8}$ " MAXIMUM AND $\frac{1}{16}$ " MINIMUM LARGER THAN BOLT DIAMETER.
- UNLESS OTHERWISE INDICATED ALL BOLTS SHALL BE MACHINE BOLTS.
- ALL EXPOSED BOLTS THAT ARE ORIENTED PERPENDICULAR TO THE BOARDWALK OR BRIDGE SHALL HAVE BOLT HEADS FACING THE EXTERIOR.
- SINK SCREW HEADS FLUSH WITH LUMBER.

SPECIFICATIONS

- APPLICABLE CODES: INDIANA BUILDING CODE, 2008
- DESIGN LOADS
 - BOARDWALK, BRIDGE AND STAIRS: 60 PSF LIVE LOAD
 - HANDRAILS AND GUARDS: 200 LBS CONCENTRATED LOAD IN ANY DIRECTION AT ANY POINT ALONG THE TOP.
 - RAIL COMPONENTS (EXCEPT HANDRAIL) 50 LBS APPLIED HORIZONTALLY TO A 1 SF AREA.
- CONCRETE:
 - PACKAGED: STRUCTURAL CONCRETE MIX, NORMAL SET, 4000 PSI AT 28 DAYS, ASTM C 387.
 - MIX IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - STORE IN A DRY, EASILY ACCESSIBLE, LEVEL LOCATION.
 - READY MIX: READY MIX CLASS A STRUCTURAL CONCRETE IN ACCORDANCE WITH SECTION 702 OF THE INDOT STANDARD SPECIFICATIONS.
 - FORM FACING MATERIALS: PROVIDE CONTINUOUS, TRUE AND SMOOTH CONCRETE SURFACES. ABOVE GRADE PIER FORMS BY SONOTUBE OR SIMILAR PRODUCT.
- PIPE AND TUBE RAILINGS
 - BRACKETS, FLANGES AND ANCHORS SHALL BE CAST OR FORMED METAL OF SAME MATERIAL AND FINISH AS SUPPORTED RAILS.
 - PIPE: ASTM A 53, TYPE S, GRADE A, STANDARD WEIGHT (SCHEDULE 40)
 - PLATES, SHAPES AND BARS: ASTM A 36
 - GALVANIZING REPAIR PAINT: HIGH ZINC-DUST CONTENT PAINT COMPLYING WITH SSPC-Paint 20.
- FABRICATION:
 - CUT, DRILL AND PUNCH METALS CLEANLY AND ACCURATELY. REMOVE BURRS AND EASE EDGES TO A RADIUS OF APPROXIMATELY $\frac{1}{16}$ ". REMOVE SHARP OR ROUGH AREAS ON EXPOSED SURFACES.
 - FORM WORK TRUE TO LINE AND LEVEL WITH ACCURATE ANGLE AND SURFACES.
 - COPE COMPONENTS AT CONNECTIONS TO PROVIDE CLOSE FIT. WELD CONNECTIONS ALL AROUND AT CONNECTIONS, INCLUDING AT FITTINGS. USE MATERIALS AND METHODS THAT MINIMIZE DISTORTION AND DEVELOP STRENGTH AND CORROSION RESISTANCE. OBTAIN FUSION WITHOUT UNDERCUT OR OVERLAP. REMOVE FLUX IMMEDIATELY. FINISH EXPOSED SURFACES SMOOTH AND BLENDED SO NO ROUGHNESS SHOWS AFTER FINISHING AND WELD SURFACE SO IT MATCHES CONTOURS OF ADJOINING SURFACES.
 - FORM CHANGES IN DIRECTION BY BENDING MEMBERS IN JOGS TO PRODUCE UNIFORM CURVATURE WITH OUT BUCKLING OR DEFORMATIONS OF EXPOSED SURFACE.
 - CLOSE EXPOSED ENDS OF RAILING WITH PREFABRICATED END FITTINGS. PROVIDE WALL RETURNS AT ENDS OF WALL-MOUNTED HANDRAILS.
 - PROVIDE BRACKETS, FLANGES, FITTINGS AND ANCHORS TO INTERCONNECT RAILING MEMBERS TO OTHER WORK.
- FINISHES: HOT-DIP GALVANIZE RAILINGS, INCLUDING HARDWARE, AFTER FABRICATION.
- METAL FABRICATIONS
 - GENERAL: PROVIDE MATERIALS WITH SMOOTH, FLAT SURFACES, WITHOUT SEAM MARKS, ROLLER MARKS, ROLLED TRADE NAMES OR BLEMISHES.
 - FERROUS METALS: STEEL PLATES, SHAPES AND BARS PER ASTM A 36. STEEL TUBING PER ASTM A 500, GRADE B COLD-FORMED.
 - WELDING RODS AND BARE ELECTRODES: SELECT ACCORDING TO AWS SPECIFICATIONS FOR METAL ALLOY WELDED.
 - GALVANIZING REPAIR PAINT: HIGH-ZINC-DUST-CONTENT PAINT COMPLYING WITH SSPC-Paint 20.
 - FABRICATION, GENERAL: PRE-ASSEMBLE ITEMS IN THE SHOP. CUT DRILL AND PUNCH METALS CLEANLY AND ACCURATELY. REMOVE BURRS AND EASE EDGES TO A RADIUS OF $\frac{1}{16}$ ". REMOVE SHARP OR ROUGH AREAS ON EXPOSED SURFACES. WELD CORNERS AND SEAMS CONTINUOUSLY. GALVANIZE ALL METAL FABRICATIONS. PROVIDE ANCHORAGE OF TYPE INDICATED; COORDINATE WITH SUPPORTING STRUCTURE.
 - SUPPORTS: FABRICATE UNITS FROM STEEL SHAPES, PLATES AND BARS OF WELDED CONSTRUCTION UNLESS OTHERWISE INDICATED. FABRICATE UNITS TO SIZE AND SHAPE INDICATED AND AS NECESSARY TO RECEIVE ADJACENT CONSTRUCTION.
 - FINISHES, GENERAL: COMPLY WITH NAAMM'S "METAL FINISHES MANUAL FOR ARCHITECTURAL AND METAL PRODUCTS". FINISH METAL FABRICATIONS AFTER ASSEMBLY. FINISH EXPOSED SURFACES TO REMOVE TOOL AND DIE MARKS AND STRETCH LINES AND BLEND INTO SURROUNDING SURFACE.
 - STEEL FINISHES: HOT-DIP GALVANIZE ITEMS TO COMPLY WITH ASTM A 153 FOR STEEL AND IRON HARDWARE AND ASTM A 123 FOR OTHER STEEL AND IRON PRODUCTS.

SPECIFICATIONS

- EXTERIOR ROUGH CARPENTRY
 - LUMBER GENERAL: COMPLY WITH DOC PS 20 AND COMPLYING WITH RULES OF AGENCIES CERTIFIED BY ALSO BOARD OF REVIEW. FACTORY MARK EACH ITEM WITH GRADE STAMP OF GRADING AGENCY. PROVIDE DRESSED LUMBER, S4S UNLESS OTHERWISE INDICATED.
 - DIMENSION LUMBER
 - DECK AND STAIR FRAMING, POSTS AND RAILINGS: NO. 1 GRADE OR BETTER SOUTHERN PINE.
 - RAILING BOARDS: SOUTHERN PINE, B&B FINISH
 - LUMBER PRESERVATIVE TREATMENT: PRESSURE TREATED ACCORDING TO ANPA C15 REQUIREMENTS FOR SAWN BUILDING POLES AND POSTS AS STRUCTURAL MEMBERS.
 - PRESERVATIVE CHEMICALS AS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. USE PROCESS THAT INCLUDES WATER REPELLENT TREATMENT.
 - APPLICATION: TREAT ALL EXTERIOR ROUGH CARPENTRY.
- DECKING: COMPOSITE PLASTIC LUMBER AS SUPPLIED BY THE OWNER. INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
- FASTENERS
 - STAINLESS STEEL OR HOT DIP GALVANIZED COATING (ASTM A 153 OR ASTM F 2329). USE STAINLESS STEEL FASTENERS WHERE FASTENERS ARE EXPOSED TO VIEW, I.E. HANDRAILS AND DECKING. USE MANUFACTURER RECOMMENDED FASTENER FOR COMPOSITE PLASTIC DECKING. NAILS OR SCREWS SHALL PENETRATE 1-1/2" MINIMUM INTO SUBSTRATE WITHOUT EXITING ON OPPOSITE SIDE.
 - NAILS: ASTM F 1667
 - POWER DRIVEN FASTENERS: NES NER-272
 - WOOD SCREWS: ASME B18.6.1
 - LAG SCREWS: ASME B18.2.1
 - CARBON STEEL BOLTS: ASTM A 307 WITH ASTM A 563 HEX NUTS AND FLAT WASHERS.
 - POST INSTALLED ANCHORS: STAINLESS STEEL, CHEMICAL OR TORQUE CONTROLLED EXPANSION ANCHORS. STAINLESS STEEL BOLTS AND NUTS COMPLYING WITH ASTM F 593 AND ASTM F 594 ALLOY GROUP 1 OR 2.
 - METAL FRAMING ANCHORS: SIMPSON STRONG TIE COMPANY, INC. OR COMPARABLE PRODUCT.
 - PROVIDE PRODUCT WITH ALLOWABLE DESIGN LOADS, AS PUBLISHED BY THE MANUFACTURER, THAT MEET OR EXCEED THOSE INDICATED ON THE DRAWINGS.
 - GALVANIZED STEEL SHEET: HOT DIP ZINC-COATED SHEET COMPLYING WITH ASTM A 653, G60 OR BETTER COATING DESIGNATION.
 - JOIST HANGERS: U-SHAPED WITH 2-INCH LONG SEAT AND 1-1/4-INCH WIDE NAILING FLANGES AT LEAST 85 PERCENT OF JOIST DEPTH.
 - POST BASES: ADJUSTABLE SOCKET TYPE FOR BOLTING IN PLACE WITH STAND OFF PLATE TO RAISE THE POST 1-INCH MINIMUM ABOVE BASE.

REV	DESCRIPTION	DATE

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 City of West Lafayette, Indiana
 Parks and Recreation

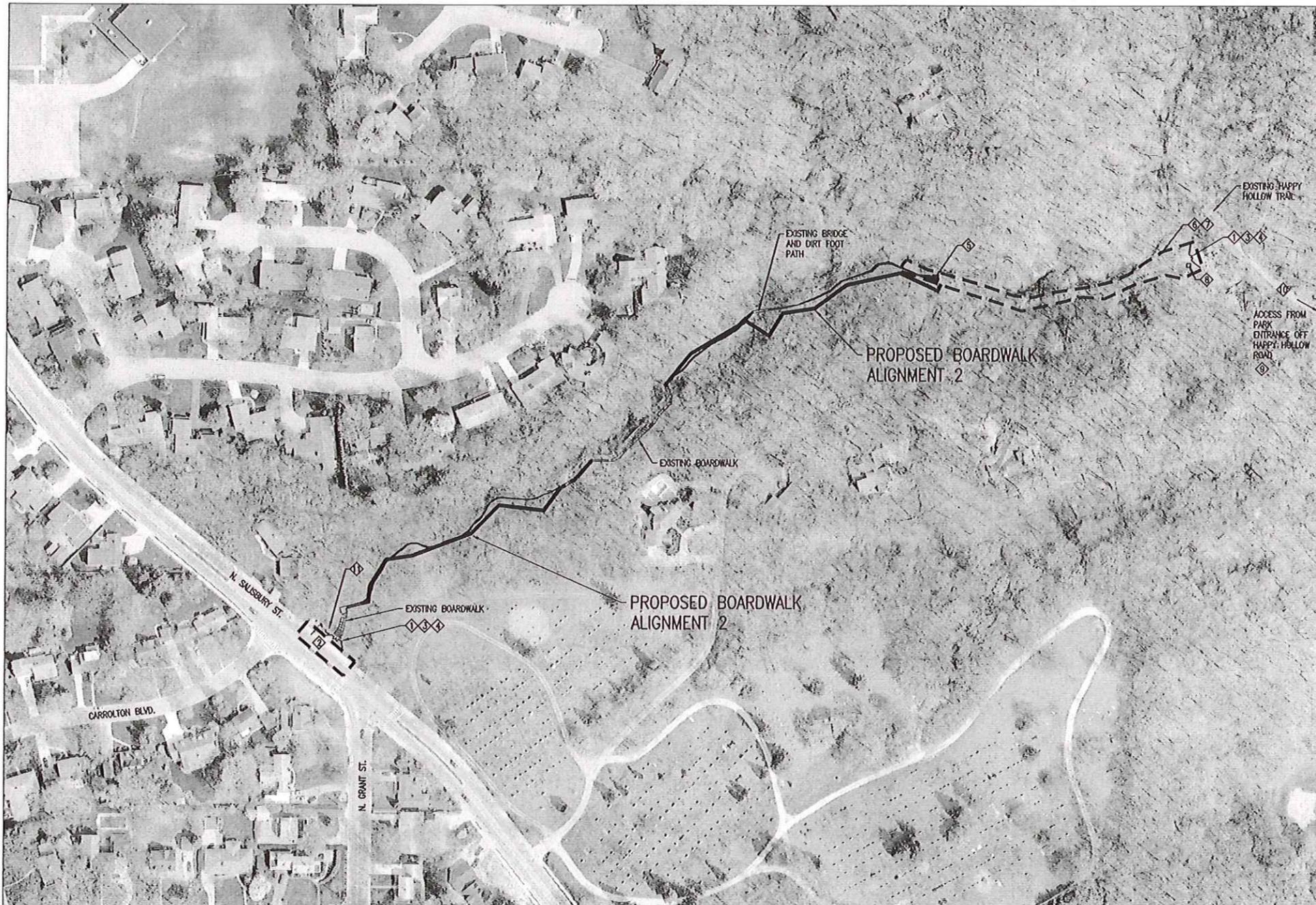


Date of Seal: 11-15-12

Sheet Content:
 NOTES, LEGEND AND SCHEDULES

DATE	November 15, 2012
SCALE	AS SHOWN
DRAWN BY	HJM
CHECKED BY	WK
APPROVED BY	RL

Project Number: 35687A



GENERAL NOTES

1. THE PURPOSE OF THIS PLAN IS TO IDENTIFY, IN ADVANCE OF PERMITS, THE TEMPORARY CONSTRUCTION MEASURES THAT WILL BE USED TO PROTECT THE GENERAL PUBLIC IN THE VICINITY OF THE WORK SITE. THE CITY DESIRES TO MINIMIZE THE IMPACT THAT CONSTRUCTION WILL HAVE ON NEIGHBORING PROPERTIES AND THE GENERAL PUBLIC. THE CONTRACTOR SHALL REVIEW AND SUBMIT ANY RECOMMENDED REVISIONS REGARDING THIS PLAN TO THE CITY FOR APPROVAL PRIOR TO ISSUANCE OF A PERMIT FOR CONSTRUCTION.
2. WORKERS SHALL NOT TRESPASS ON ADJACENT PROPERTIES TO ACCESS THE SITE. ONLY ACCESS THE SITE FROM CITY OWNED FACILITIES AT CONSTRUCTION ENTRANCES INDICATED ON THIS PLAN.
3. TREE PROTECTION: DO NOT STORE MATERIALS OR DRIVE EQUIPMENT WITHIN THE DRIP LINE OF EXISTING TREES UNLESS OTHERWISE AUTHORIZED BY THE CITY. THE DRIP LINE SHALL BE DEFINED AS THE ZONE BETWEEN THE EDGE OF THE TREE CANOPY AND THE BASE OF THE TREE TRUNK.
4. ANY DAMAGE TO THE TRAIL, LANDSCAPE OR OTHER FACILITIES AS A RESULT OF CONSTRUCTION VEHICLES OR ACTIVITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

KEYED NOTES

- ◇ CONSTRUCTION ENTRANCE: CONTRACTOR SHALL INSTALL A TEMPORARY CONSTRUCTION FENCE AND GATE MEETING THE FOLLOWING REQUIREMENTS:
 - 1.1. THE FENCE SHALL BE A MINIMUM 8' HIGH CHAIN LINK.
 - 1.2. THE FENCE SHALL BE OF SUFFICIENT LENGTH AND CONFIGURATION TO CREATE A VISUAL DETERRENT, ±20' EACH SIDE OF GATE.
 - 1.3. GATE SHALL HAVE A MINIMUM OF 10' WIDE OPENING.
 - 1.4. FENCE SHALL BE SECURED WITH POSTS DRIVEN INTO THE GROUND AT 8' ON CENTER MAXIMUM SPACING. USE CAUTION AROUND UTILITIES.
 - 1.5. FENCE SHALL BE MAINTAINED IN A PLUMB CONDITION AT ALL TIMES.
 - 1.6. OPENINGS IN FENCE SHALL BE PROTECTED WITH LOCKABLE GATES WITH KEY(S) PLACED IN TO A KNOX BOX.
 - 1.7. GATES SHALL BE LOCKED AT ALL TIMES OF CONSTRUCTION WHILE WORKMEN ARE NOT ON THE SITE.
- ◇ NORTH SALISBURY STREET ACCESS AREA: A TEMPORARY LANE CLOSURE WILL LIKELY BE REQUIRED FOR DELIVERY OF MATERIALS TO THE SITE FROM NORTH SALISBURY STREET. THE CONTRACTOR SHALL SUBMIT TEMPORARY TRAFFIC CONTROL PLANS TO THE CITY FOR APPROVAL PRIOR TO ISSUANCE OF A BUILDING PERMIT. THE PLAN SHALL INDICATE HOW AND WHEN VEHICULAR AND PEDESTRIAN TRAFFIC WILL BE REDIRECTED AROUND THE ACCESS AREA IN ACCORDANCE WITH THE FOLLOWING:
 - 2.1. VEHICULAR AND PEDESTRIAN TRAFFIC SHALL BE REDIRECTED AROUND THE WORK ZONE IN ACCORDANCE WITH THE INDIANA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL HANDBOOK, LATEST EDITION. APPLICABLE STANDARDS ARE THOSE THAT INCLUDE WORK NEAR AN INTERSECTION.
 - 2.2. LANE CLOSURES SHALL ONLY OCCUR FOR SHORT-TERM DURATIONS FROM 9AM TO 4PM MONDAY THROUGH FRIDAY. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES FROM THE SITE WHILE NOT IN USE.
- ◇ CONSTRUCTION SIGN: THE SIGN SHALL BE SECURED TO THE TEMPORARY CONSTRUCTION FENCE BY THE CONTRACTOR ON EACH SIDE OF PROJECT. THE SIGN SHALL DISPLAY THE FOLLOWING VERBAGE:
 - 3.1. "CONSTRUCTION SITE - NO TRESPASSING"
 - 3.2. THE CONTRACTOR'S NAME AND 24-HOUR EMERGENCY CONTACT PHONE NUMBER
 - 3.3. THE FENCE CONTRACTOR'S 24-HOUR EMERGENCY CONTACT PHONE NUMBER
- ◇ KEY LOCK BOX: CONTRACTOR SHALL SECURE THE KEY LOCK BOX ON OR NEAR THE TEMPORARY CONSTRUCTION FENCE. KEY LOCK BOX STYLE AND MOUNTING LOCATION SHALL BE APPROVED BY THE FIRE DEPARTMENT.
- ◇ DUMPSTER: PROVIDE A CONSTRUCTION DUMPSTER WITHIN THE SECURED CONSTRUCTION AREA UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE CITY. NO CONSTRUCTION DEBRIS SHALL BE PLACED IN RECEPTACLES OTHER THAN THE CONSTRUCTION DUMPSTER.
- ◇ CONSTRUCTION STAGING AREA: CONSTRUCTION STAGING MAY OCCUR WITHIN THE AREA IDENTIFIED UNLESS OTHERWISE APPROVED BY THE CITY.
- ◇ MATERIAL STORAGE: ALL MATERIALS TO BE INCORPORATED INTO THE WORK SHALL BE STORED IN A NEAT AND ORDERLY MANNER WITHIN THE CONFINES OF THE STAGING AREA OR AT THE WORK AREA. MAINTAIN A CLEAR PATH ON THE EXISTING PAVED TRAIL FOR VEHICULAR ACCESS AND ON THE EXISTING DIRT FOOT PATH FOR MATERIAL TRANSPORT TO THE WORK SITE.
- ◇ PORTABLE RESTROOM: THE CONTRACTOR SHALL PROVIDE A PORTABLE RESTROOM FOR CONSTRUCTION WORKERS WITHIN THE SECURED CONFINES OF THE WORK ZONE. PROVIDE ROUTINE SERVICE TO THE PORTABLE RESTROOM AS REQUIRED TO KEEP IT IN A SANITARY AND WORKING CONDITION.
- ◇ WORKER PARKING: WORKERS SHALL PARK IN THE EXISTING PARKING LOT AVAILABLE WITHIN HAPPY HOLLOW PARK UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE CITY. WORKERS SHALL NOT PARK ON CITY STREETS OR PRIVATE PROPERTIES.
- ◇ VEHICLES ON EXISTING TRAIL: EXCEPT FOR RESTRICTED WORK ZONES, THE EXISTING HAPPY HOLLOW TRAIL WILL BE OPEN TO THE PUBLIC DURING CONSTRUCTION. WATCH OUT FOR PEDESTRIANS WHEN USING THE EXISTING TRAIL TO ACCESS THE SITE.
- ◇ GAS MAIN: USE CAUTION AROUND THE EXISTING GAS MAIN. DO NOT ALLOW SMOKING ON THE PROJECT SITE OR AROUND THE GAS MAIN.

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REV	DESCRIPTION	DATE

Happy Hollow Park Ravine Footpath Repair

City of West Lafayette, Indiana
Parks and Recreation

REGARD P. LANK
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF INDIANA
 11-16-12

Date of Seal

Sheet Content

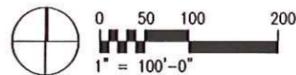
CONSTRUCTION STAGING PLAN

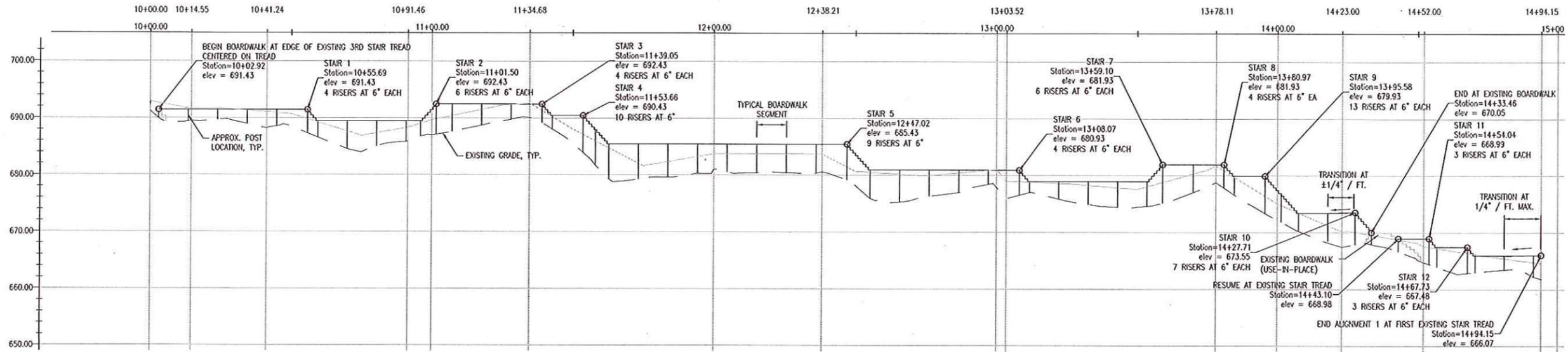
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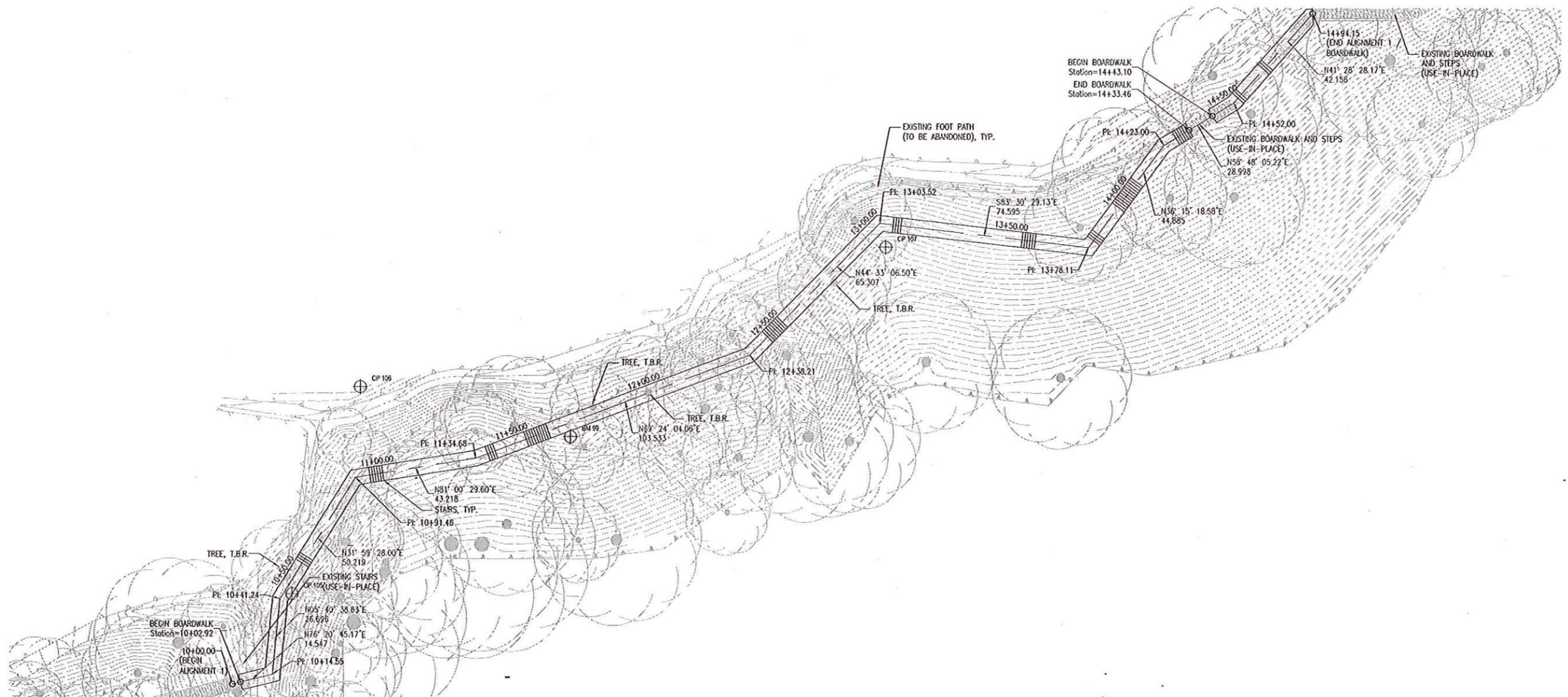
Sheet Number **C0.2**

1 CONSTRUCTION STAGING PLAN
 SCALE: 1"=100'





1 PROFILE - ALIGNMENT 1
SCALE: 1"=20' (H); 1"=10' (V)



2 SITE PLAN - ALIGNMENT 1
SCALE: 1"=20'

Consultants:
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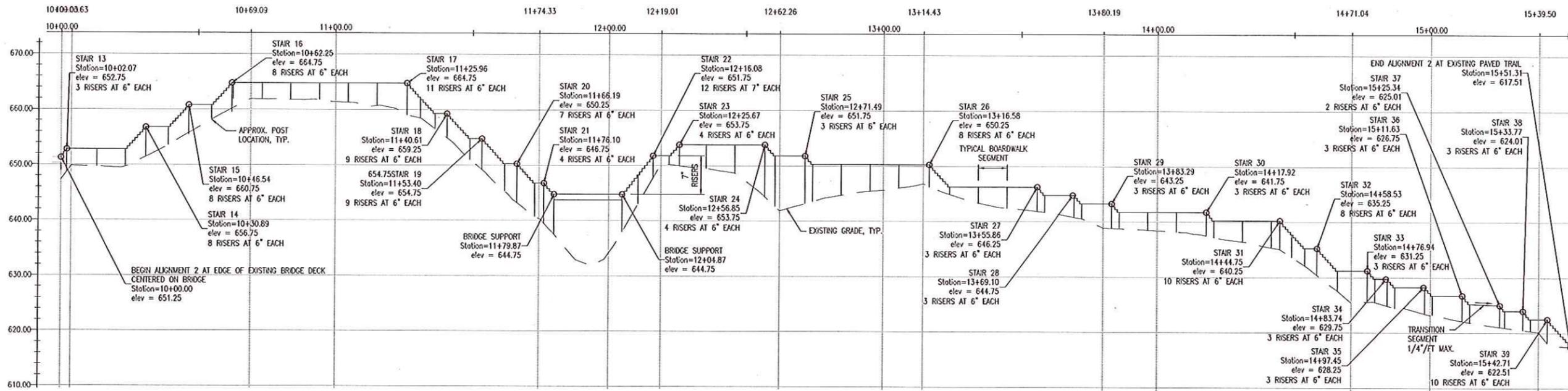
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City of West Lafayette, Indiana
Parks and Recreation

Professional Engineer Seal
Paul J. [Signature]
11-15-12

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Sheet Content	PLAN AND PROFILE ALIGNMENT 1
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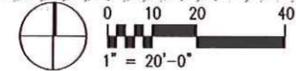
Sheet Number **C1.1**



1 PROFILE - ALIGNMENT 2
SCALE: 1"=20' (H); 1"=10' (V)



2 SITE PLAN - ALIGNMENT 2
SCALE: 1"=20'



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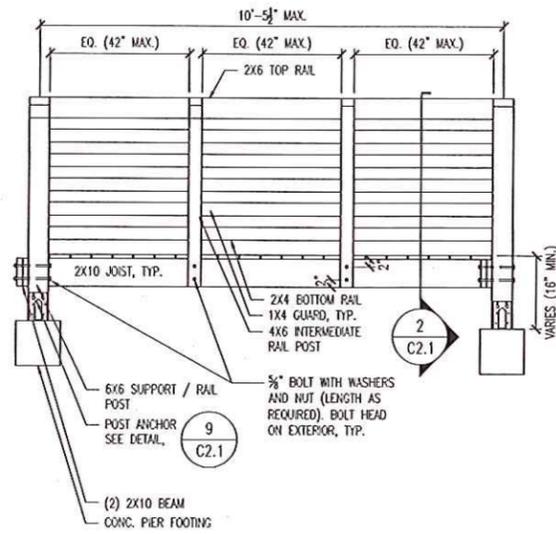
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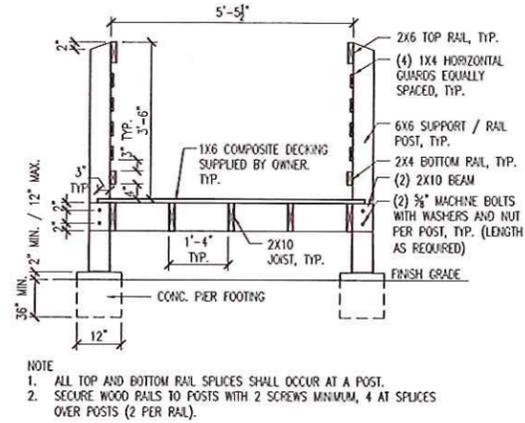
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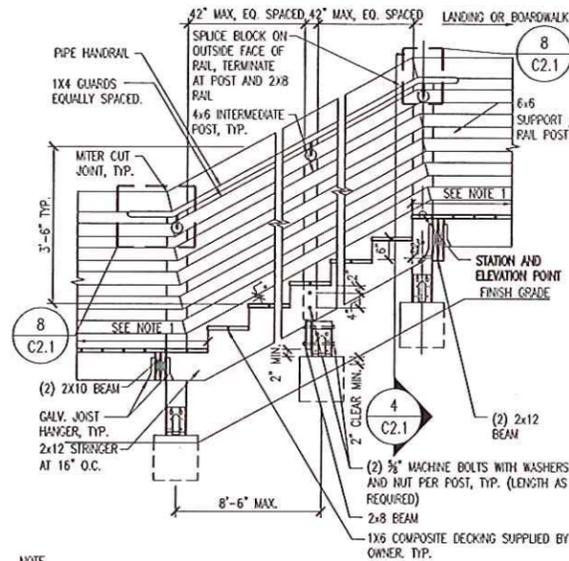
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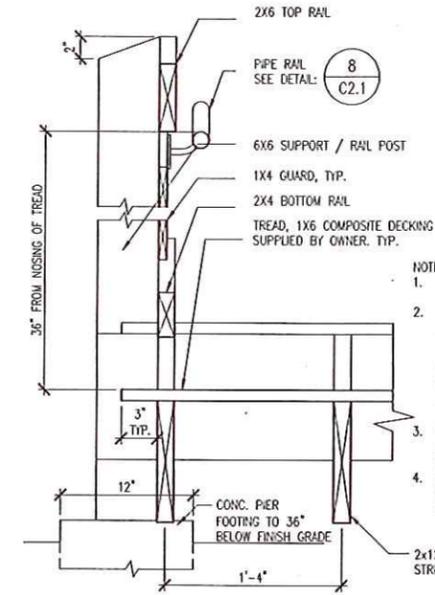
1 BOARDWALK ELEVATION
SCALE: 1/2"=1'-0"



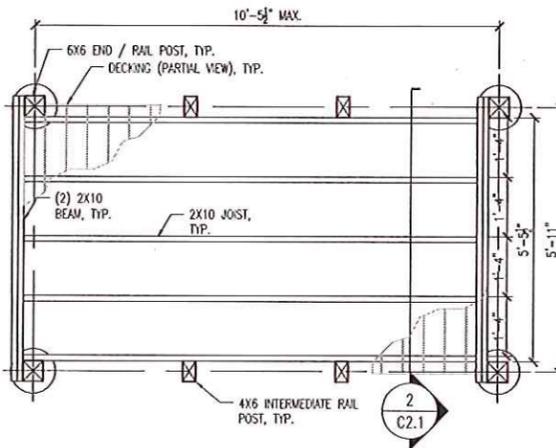
2 BOARDWALK SECTION
SCALE: 1/2"=1'-0"



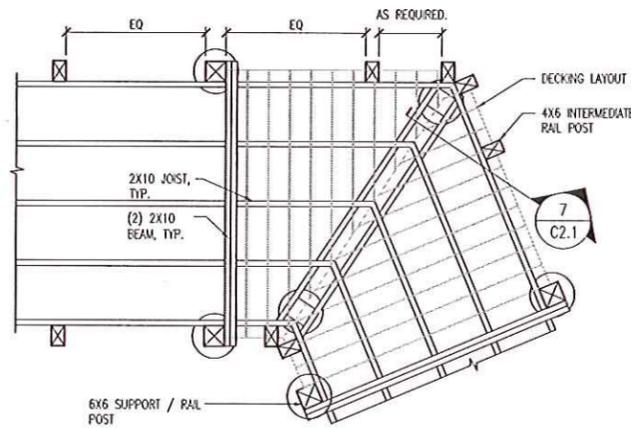
3 STAIRWAY SECTION
SCALE: 1/2"=1'-0"



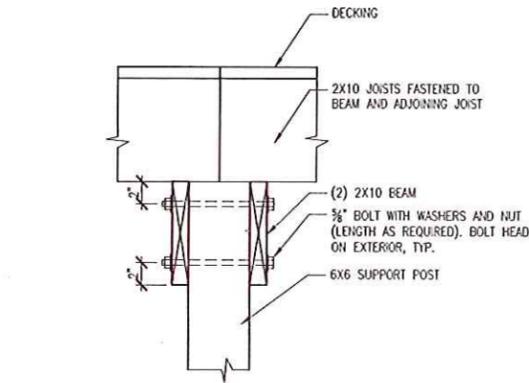
4 STAIRWAY SECTION
SCALE: 1-1/2"=1'-0"



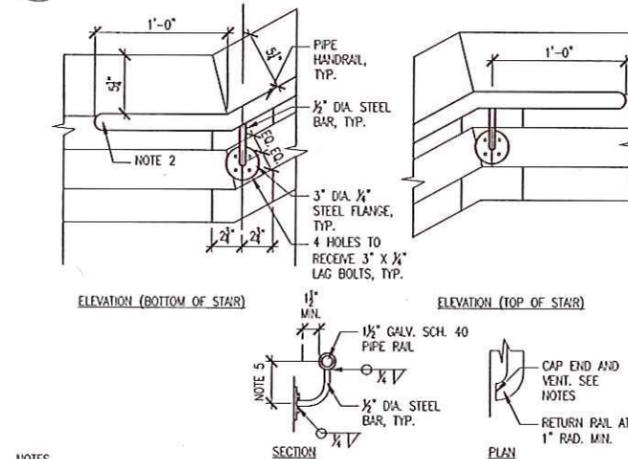
5 BOARDWALK FRAMING PLAN
SCALE: 1/2"=1'-0"



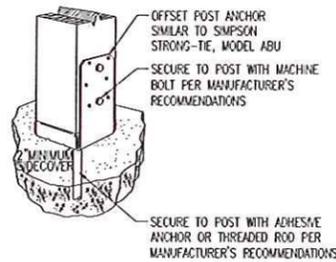
6 DEFLECTED BOARDWALK FRAMING
SCALE: 1/2"=1'-0"



7 BEAM DETAIL AT DEFLECTION
SCALE: 1-1/2"=1'-0"



8 HANDRAIL AT STAIRS
SCALE: 1/2"=1'-0"



- NOTES:**
- INSTALL POST ANCHOR IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - POST ANCHOR SIZE SHALL MATCH POST SIZE.

9 TYPICAL POST ANCHOR
SCALE: 1/2"=1'-0"

REV	DESCRIPTION	DATE

Happy Hollow Park
Ravine Footpath Repair
City of West Lafayette, Indiana
Parks and Recreation



Date of Seal
Sheet Content

BOARDWALK DETAILS

DATE	November 15, 2012
SCALE	AS SHOWN
DRAWN BY	HLM
CHECKED BY	WK
APPROVED BY	RL

Project Number 35687A

Sheet Number **C2.1**

REV	DESCRIPTION	DATE

Happy Hollow Park
Ravine Footpath Repair
 City of West Lafayette, Indiana
 Parks and Recreation



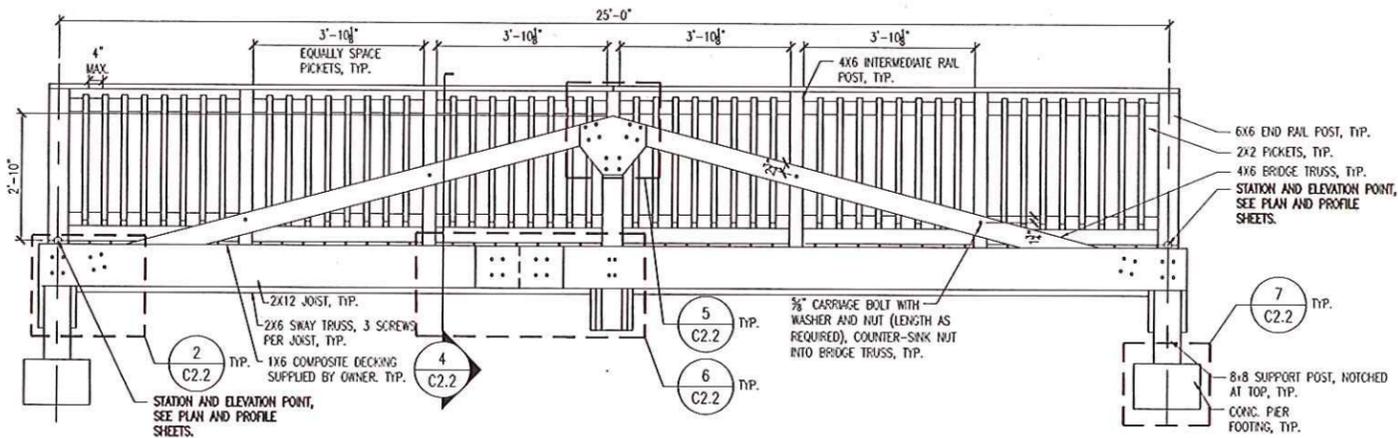
Date of Seal: 11-16-12

Sheet Content: BRIDGE DETAILS

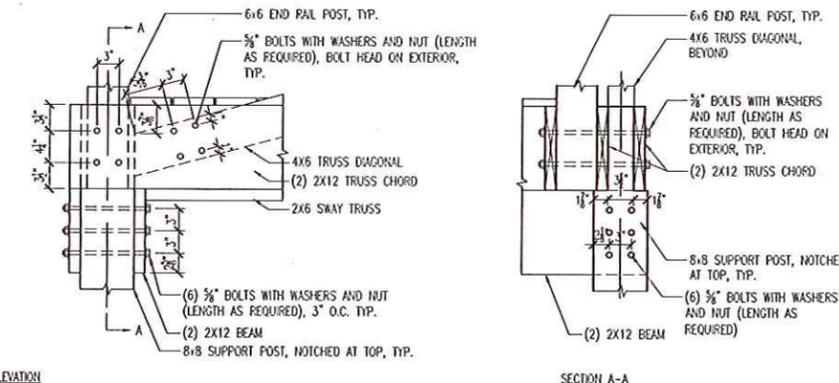
DATE	November 15, 2012
SCALE	AS SHOWN
DRAWN BY	HLM
CHECKED BY	WK
APPROVED BY	RL

Project Number: 35687A

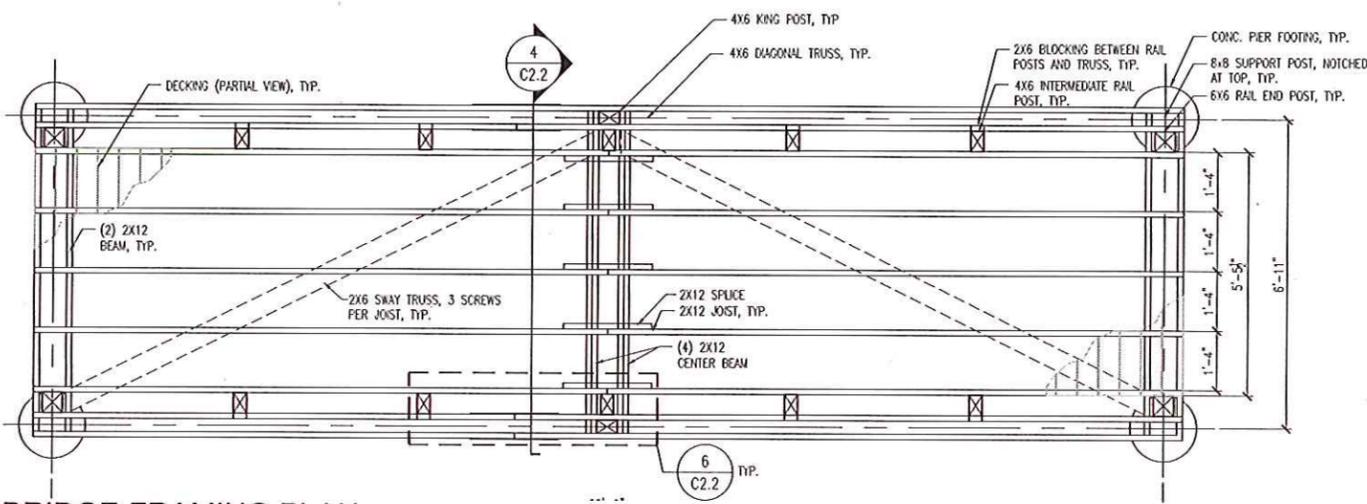
Sheet Number: **C2.2**



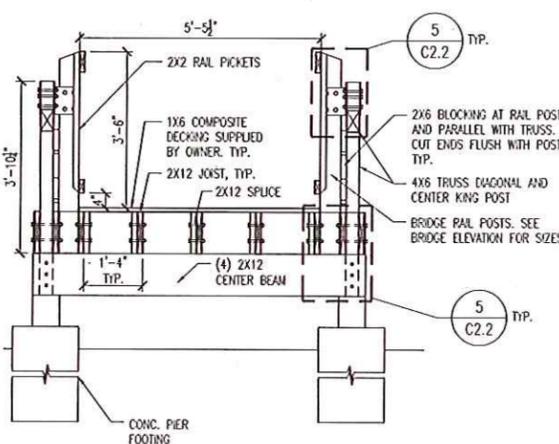
1 BRIDGE ELEVATION
 SCALE: 1/2"=1'-0"



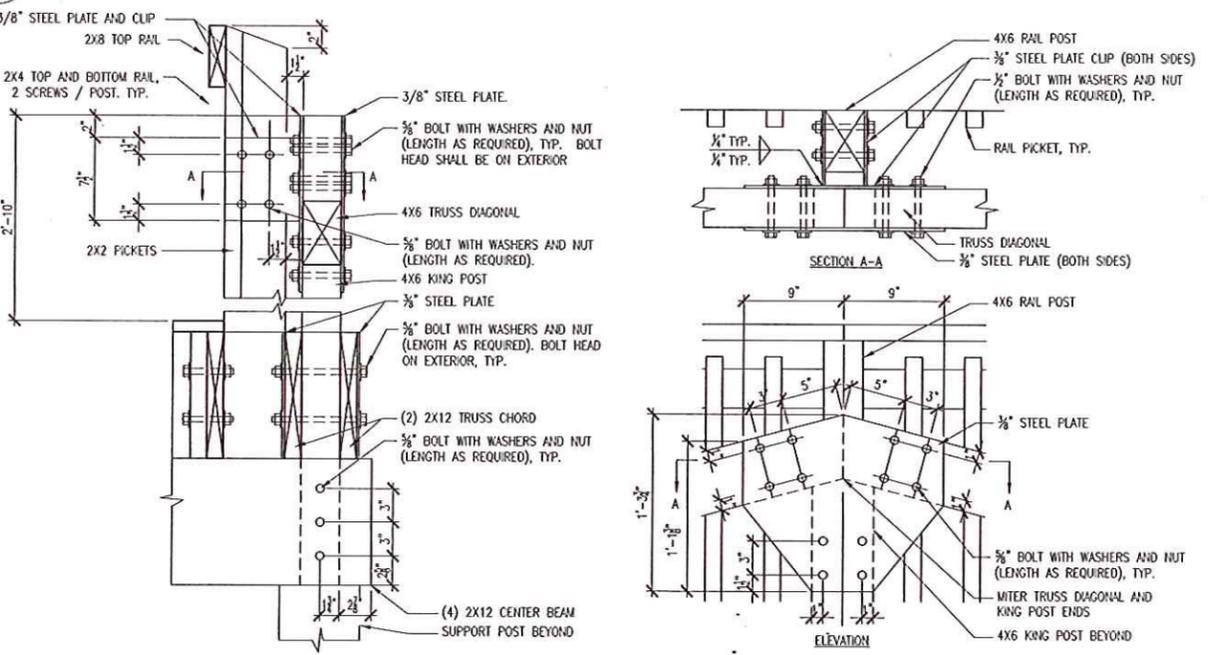
2 BRIDGE TRUSS / SUPPORT POST DETAIL
 SCALE: 1"=1'-0"



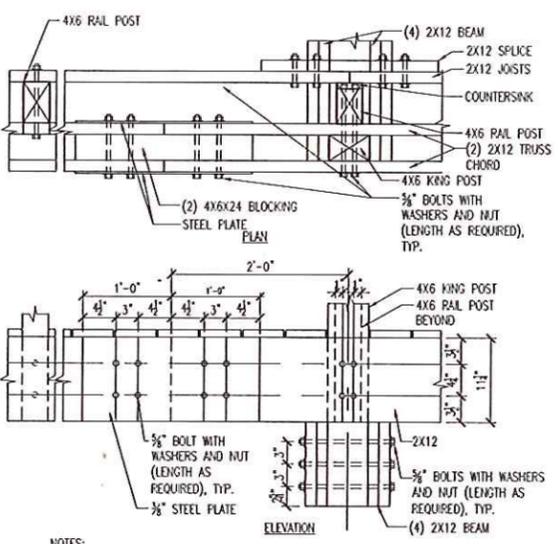
3 BRIDGE FRAMING PLAN
 SCALE: 1/2"=1'-0"



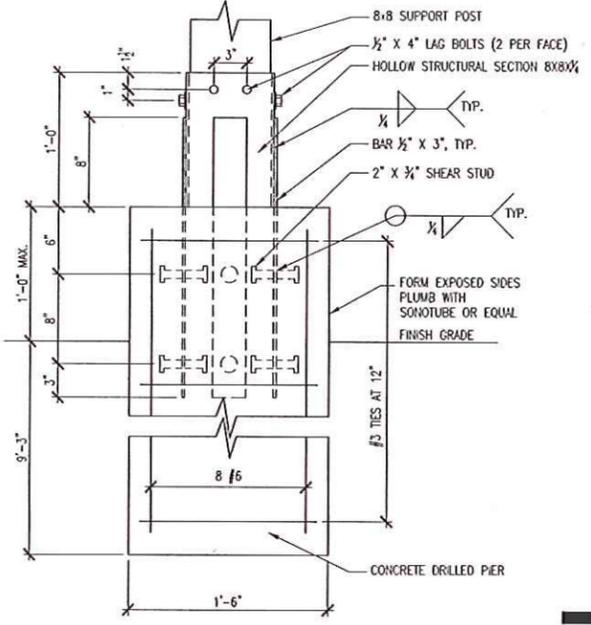
4 TYPICAL BRIDGE SECTION
 SCALE: 1/2"=1'-0"



5 BRIDGE RAIL AND TRUSS DETAILS
 SCALE: 1-1/2"=1'-0"



6 JOIST SPLICE
 SCALE: 1"=1'-0"



7 BRIDGE FOOTING
 SCALE: 1-1/2"=1'-0"

NOTE:
 1. ALL FASTENERS SHALL BE GALVANIZED OR PATED FOR EXTERIOR USE. DECKING FASTENERS SHALL BE AS RECOMMENDED BY THE DECKING MANUFACTURER.

NOTES:
 1. BOLT LAYOUT FOR INTERIOR SPLICES SHALL BE SIMILAR TO THAT SHOWN ABOVE.