

Request for Quote
Happy Hollow Park Ravine Footpath Repair Phase III
May 20, 2015
West Lafayette Redevelopment Commission

This Request for Quote is the official notice of needed construction services for the West Lafayette Board of Parks & Recreation (the "Board") by and through the West Lafayette Redevelopment Commission (the "Commission").

The Contractor shall furnish all labor, equipment, and materials necessary for the Happy Hollow Park Ravine Footpath Repair, according to the plans and specifications dated November 15, 2012, for the segment between the bottom of Stair 23 and the bottom of Stair 26, plus a temporary connection from bottom of Stair 26 to the ground and existing trail.

The Contractor shall be responsible for the determination and notification of all affected utilities and for the coordination of all work with the utilities and the Board. The Contractor shall be responsible for construction layout on-site per the plans (the Commission will provide initial staking of the centerline alignment) and for receiving approval by the Board prior to proceeding with work. Any necessary permits will be provided by the Board.

Following the issuance of a notice to proceed, the Contractor shall begin construction within one month, and all work is to be completed within six months unless a written extension is granted by the Commission.

The Contractor shall carry all necessary insurance coverage and provide a certificate of insurance to the Board and to the Commission per the City of West Lafayette insurance requirements.

Quotes should be submitted on the enclosed Quote Sheet on or before 8:30 a.m. on June 9, 2015 to: Office of the Clerk-Treasurer, 711 W. Navajo St., West Lafayette, IN 47906. Quotes should be submitted in a sealed envelope identified by "Happy Hollow Park Ravine Footpath Repair" on the outside of the envelope. Properly executed Non-Collusion Affirmation and Employment Eligibility Verification forms should be submitted with the Quote Sheet

Quotes will be opened at the regularly scheduled meeting of the Board of Public Works & Safety in the Multi-Purpose Room of the Morton Community Center, 222 N. Chauncey at 8:30 a.m. on June 9, 2015. Quotes will be taken under consideration for the execution of an Agreement Form, by the Board of Public Works & Safety on behalf of the Commission, with the most responsive and responsible firm which provides a quote most advantageous to the Commission.

Any questions concerning this Request for Quote should be directed to Kevin Hall at halk1@pbworld.com or (317) 437-5451 or to Janet Fawley at jfawley@wl.in.gov or (765) 775-5110.

Enclosures:

Diagram of Happy Hollow Park Ravine Footpath

Quote Sheet

Non-Collusion Affirmation form

Employment Eligibility Verification form

Happy Hollow Park Ravine Footpath Repair

June 9, 2015

QUOTE SHEET

TOTAL LUMP SUM COST to provide the Happy Hollow Park Ravine Footpath Repair, for the segment between the bottom of Stair 23 and the bottom of Stair 26, plus a temporary connection from bottom of Stair 26 to the ground and existing trail per the Request for Quote dated May 20, 2015:

\$ _____

COMPANY NAME: _____

COMPANY ADDRESS: _____

AUTHORIZED SIGNATURE: _____ DATE: _____

PRINTED AUTHORIZED NAME: _____

PHONE # _____ FAX # _____

NON-COLLUSION AFFIRMATION

STATE OF INDIANA

COUNTY OF: _____ } **SS:**

The undersigned offeror or agent, duly swears, under penalties for perjury, that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be offered by any person nor to prevent any person from making an offer nor to induce anyone to refrain from making an offer and that this offer is made without reference to any other offer.

Offeror (Firm)

Signature of Offeror or Agent

Before me, a Notary Public in and for said County and State personally appeared,

_____, who acknowledged the truth of the statements in the foregoing affirmation on this _____ day of _____, 20 _____.

My Commission Expires:

(written) Notary Public

(printed)

County of Residence: _____

CITY OF WEST LAFAYETTE
EMPLOYMENT ELIGIBILITY VERIFICATION

STATE OF INDIANA)
) SS:
_____ COUNTY)

The Contractor affirms under the penalties of perjury that he/she/it does not knowingly employ an unauthorized alien.

The Contractor shall enroll in and verify the work eligibility status of all his/her/its newly hired employees through the E-Verify program as defined in IC 22-5-1.7-3. The Contractor is not required to participate should the E-Verify program cease to exist. Additionally, the Contractor is not required to participate if the Contractor is self-employed and does not employ any employees.

The Contractor shall not knowingly employ or contract with an unauthorized alien. The Contractor shall not retain an employee or contract with a person that the Contractor subsequently learns is an unauthorized alien.

The Contractor shall require his/her/its subcontractors, who perform work under this contract, to certify to the Contractor that the subcontractor does not knowingly employ or contract with an unauthorized alien and that the subcontractor has enrolled and is participating in the E-Verify program. The Contractor agrees to maintain this certification throughout the duration of the term of a contract with a subcontractor.

The City may terminate for default if the Contractor fails to cure a breach of this provision no later than thirty (30) days after being notified by the City.

Dated this _____ day of _____, 20__

Contractor/Bidder (Firm)

Signature of Contractor/Bidder or Its Agent

Printed Name and Title

Subscribed and sworn to before me this _____ day of _____, 20__

My Commission Expires _____

Notary Public

County of Residence _____

Happy Hollow Park Ravine Footpath Repair

November 15, 2012

OWNER:

City of West Lafayette, Indiana

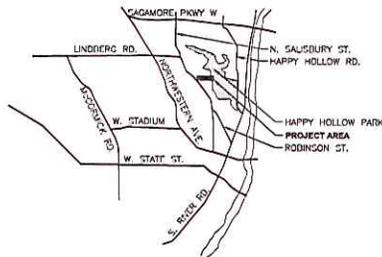
Department of Parks and Recreation
609 West Navajo Street
West Lafayette, Indiana 47906
(765) 775.5110

CONSULTANTS:

Parsons Brinckerhoff (Design)
300 North Meridian Street, Suite 1010
Indianapolis, Indiana 46204
t. (317) 972.1706 f. (317) 972.1708

TBIRD Design Services Corp. (Surveying)
105 North 10th Street
Lafayette, Indiana 47901
t. (765) 742-1900 f. (765) 742.1905

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

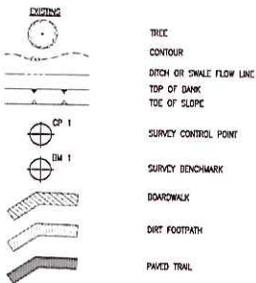
POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
1	1891720.21	3002761.42	714.13	MAG. NAIL W/TIRED TRAV. PT. W/ASHER SET
2	1891103.36	3001372.80	720.07	MAG. NAIL W/TIRED TRAV. PT. W/ASHER SET
3	1891386.27	3002530.75	576.17	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
4	1891504.03	3003103.83	585.06	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
12	1892383.95	3002947.68	595.92	MAG. NAIL W/TIRED TRAV. PT. W/ASHER SET
13	1892382.41	3002949.48	598.10	MAG. NAIL W/TIRED TRAV. PT. W/ASHER SET
14	1891971.58	3002620.48	582.89	MAG. NAIL W/TIRED TRAV. PT. W/ASHER SET
105	1891825.66	3000927.08	689.24	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
106	1891828.44	3000905.12	677.74	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
107	1891947.04	3001037.11	683.13	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
108	1892043.20	3001250.78	685.02	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
109	1892236.48	3001391.29	680.04	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
110	1892238.13	3001659.40	675.27	1/2" RETIAR W/TIRED TRAV. PT. CAP SET
111	1892276.21	3001910.68	610.20	1/2" RETIAR W/TIRED TRAV. PT. CAP SET

BENCHMARK TABLE

POINT #	ELEV.	DESCRIPTION
97	625.46	"X" CUT IN NORTH HWY. 60 MANHOLE
98	655.23	T POST SET 2.0' ABOVE GRADE, 12' NORTH OF TRAIL CENTERLINE AND 5' SOUTHWEST OF # DOUBLER
99	682.67	T-POST SET 2.0' ABOVE GRADE 5' SOUTH OF TRAIL CL & 5' EAST OF 15' DASHWOOD
100	715.03	"X" CUT IN NORTHERN BRINKS BUILT IN FIRE HYDRANT @ CARROLLTON & SAUGBERT

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 STANDARDS 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
LEGS	POUNDS
N	NORTH
NO.	NUMBER
PI	POINT OF INTERSECTION
TBR	TO BE REMOVED
TYP	TYPICAL
S	SOUTH
S-FT	SQUARE FOOT (FEET)
W	WEST

GENERAL NOTES

- PROTECT ALL TREES TO REMAIN FROM CONSTRUCTION ACTIVITIES.
- TREES TO BE REMOVED SHALL BE TAGGED FOR REMOVAL 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 CAUSE A MIX OF SOIL TYPES AND DEPTHS OR CREDS. DEPOSIT EXCAVATED MATERIAL AT LEAST 50 FEET AWAY FROM ANY MATERIAL ON SLOPES STEEPER THAN 4:1. SPREAD EXCAVATED MATERIAL TO A DEPTH OF 2" MINIMUM, EXCEPT AT DEPRESSIONS IN THE LANDSCAPE THAT MAY BE FILLED WITHOUT THE POSSIBILITY OF COMPACTING. TAMP COMPACT EXCAVATED MATERIAL AND COVER WITH 3" MINIMUM DEPTH LEAVES OR STRAW MATS 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 OF DELIVERING MATERIALS TO THE SITE.
- BOLT HOLES SHALL BE 3/4" MINIMUM AND 1/2" 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.
- DRINK SPOON HEADS FLUSH WITH LEVELER.

SPECIFICATIONS

- APPLICABLE CODES: INDIANA BUILDING CODE, 2008
- DESIGN LOADS
 - BOARDWALK, BRIDGE AND STAIRS: 60 PSF LIVE LOAD
 - HANDRAILS AND GUARDS: 200 LBS UNIFORMED LOAD IN ANY DIRECTION AT ANY POINT ALONG THE TOP.
 - RAIL COMPONENTS (EXCEPT HANDRAIL): 50 LBS APPLIED NORMAL TO A 1' x 2' 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, MOIST CURS: A STRUCTURAL CONCRETE IN ACCORDANCE WITH SECTION 702 OF THE INDIAN STANDARD SPECIFICATIONS FOR READY MIX CONCRETE. PROVIDE CONTINUOUS, TRUE AND SMOOTH FORM FACING MATERIALS. PROVIDE CONTINUOUS, TRUE AND SMOOTH CONCRETE SURFACES. ABOVE GRADE FISH FORMS BY SCHEDULE OR SIMILAR PRODUCT.
 - PIPE AND TUBE RAILINGS
 - BRACKETS, FLANGES AND ANCHORS SHALL BE CAST OR FORMED WITH SAME MATERIAL AND FINISH AS SUPPORTED RAIL.
 - 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 EDGE EDGES TO A RADIUS OF APPROXIMATELY 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 SAME 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 BLEND TO NO DISCONTINUITY SHOWS AFTER FINISHING AND WELD SURFACE SO IT MATCHES CONTIGUOUS SURFACES.
 - FORM CHANGES IN DIRECTION BY BENDING MEMBERS IN JOBS TO PRODUCE UNIFORM CURVATURE WITH OUT BUCKLING OR DEFORMATION OF EXPOSED SURFACE.
 - CLOSE EXPOSED ENDS OF RAILING WITH PREFABRICATED END FITTINGS. PROVIDE WALL RETURN AT ENDS OF WALL-MOUNTED HANDRAILS.
 - PROVIDE BRACKETS, FLANGES, FITTINGS AND ANCHORS TO INTERCONNECT RAILING MEMBERS TO OTHER WORK.
5. METAL FABRICATIONS
 - GENERAL: PROVIDE MATERIALS WITH SMOOTH, FLAT SURFACES, WITHOUT SEAM MARKS, ROLLER MARKS, ROLLED TRACE MARKS OR BLEMISHES.
 - FERRUGINOUS METALS: STEEL PLATES, SHAPES AND BARS PER ASTM A 36. STEEL TUBING PER ASTM A 500, GRADE B COLD-FORMED.
 - WELDING: WELDS AND WELD 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 EDGE EDGES TO A RADIUS OF 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 UNLESS OTHERWISE INDICATED.
 - FINISHES, GENERAL: COMPLY WITH NAMA'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 SPECIFICATIONS CLERKED BY ALSC BOARD OF 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.
 - FRAMING MEMBERS: SOUTHERN PINE, BAB FINISH.
 - LUMBER: PRESERVATIVE TREATMENT: PRESSURE TREATED ACCORDING TO AWPA C15 REQUIREMENTS FOR SAWN BUILDING POLES AND POSTS AS STRUCTURAL MEMBERS.
 - PRESERVATIVE CHEMICALS AS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. USE PROCESS THAT INCLUDES WATER REPLENISHMENT 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 WICK, 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 EXTING ON OPPOSITE SIDE.
 - MALIC: ASTM F 1667
 - WOOD SCREWS: ASME D16.6.1
 - SAD SCREWS: ASME D16.2.1
 - CARBON STEEL BOLTS: ASTM A 307 WITH ASTM A 563 HDX 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 ALL GROUP 1 OR 2.
 - METAL FRAMING ANCHORS: SIMPSON STRONG TIE COMPANY, INC. OR COMPARABLE PRODUCT.
 - PROVIDE PRODUCT WITH ALLOWABLE DESIGN LOADS, AS PROVIDED BY THE MANUFACTURER, THAT MEET OR EXCEED THOSE INDICATED ON THE DRAWINGS.
 - DIMENSIONED STEEL SHEET: HOT DIP ZINC-COATED SHEET COMPLYING WITH ASTM A 653, G60 OR BETTER COATING DISPOSITION.
 - JUST HANGERS: U-SHAPED WITH 3-INCH LONG SEAT AND 1-1/4-INCH WIDE HANGING FLANGES AT LEAST 50 PERCENT OF JOIST DEPTH.
 - POST BASES: ADJUSTABLE SOCKET TYPE FOR SETTING IN PLACE WITH STAND OFF PLATE TO RAISE THE POST 1-INCH MINIMUM ABOVE BASE.

Parsons
BRINCKERHOFF

300 North Meridian Street, Suite 1010
Indianapolis, Indiana 46204
1.317.972.1706 1.317.972.1708

TBRD Design Services Corp.
105 North 10th Street
Lafayette, IN 47901
1.765.742.1900 1.765.742.1905

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



Date of Seal: 11-16-12

Sheet Content: NOTES, LEGEND AND SCHEDULES

DATE	November 16, 2012
SCALE	AS SHOWN
DRAWN BY	HLM
CHECKED BY	WK
APPROVED BY	RL

Project Number: 35687A

Sheet Number: C0.1



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 BARRIER, 200' 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 KEYS PLACED IN TO A HOUSING BOX.
 - 1.7. GATES SHALL BE LOCKED AT ALL TIMES OF CONSTRUCTION WHILE WORKMEN ARE NOT ON THE SITE.
- ◇ NORTH CALDWAY STREET ACCESS AREA: A TEMPORARY LANE CLOSURE WILL LIKELY BE REQUIRED FOR DELIVERY OF MATERIALS TO THE SITE FROM NORTH CALDWAY 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 DURATION FROM 9AM TO 4PM MONDAY THROUGH FRIDAY. REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES FROM THE SITE WHEN 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 VERBIAGE:
 - 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 REDIRECTED 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 SHAKING ON THE PROJECT SITE OR AROUND THE GAS MAIN.

Consultants
**PARSONS
 BRINCKERHOFF**

300 North Madison Street, Suite 1010
 Indianapolis, Indiana 46204
 (317) 552-1700 F. (317) 972-1700

TERRI Design Services Corp.
 105 North 10th Street
 Lehighville, PA 17036
 (717) 742-1900 F. (717) 742-1999

REV	DESCRIPTION	DATE

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



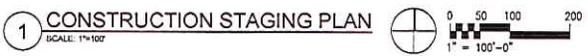
Date of Issue: 11-16-12

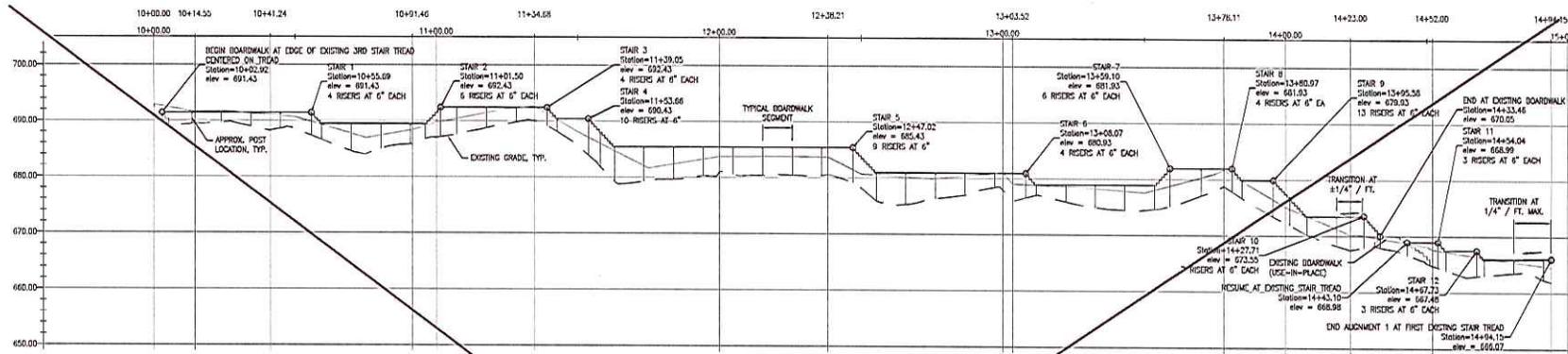
Sheet Content: CONSTRUCTION STAGING PLAN

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

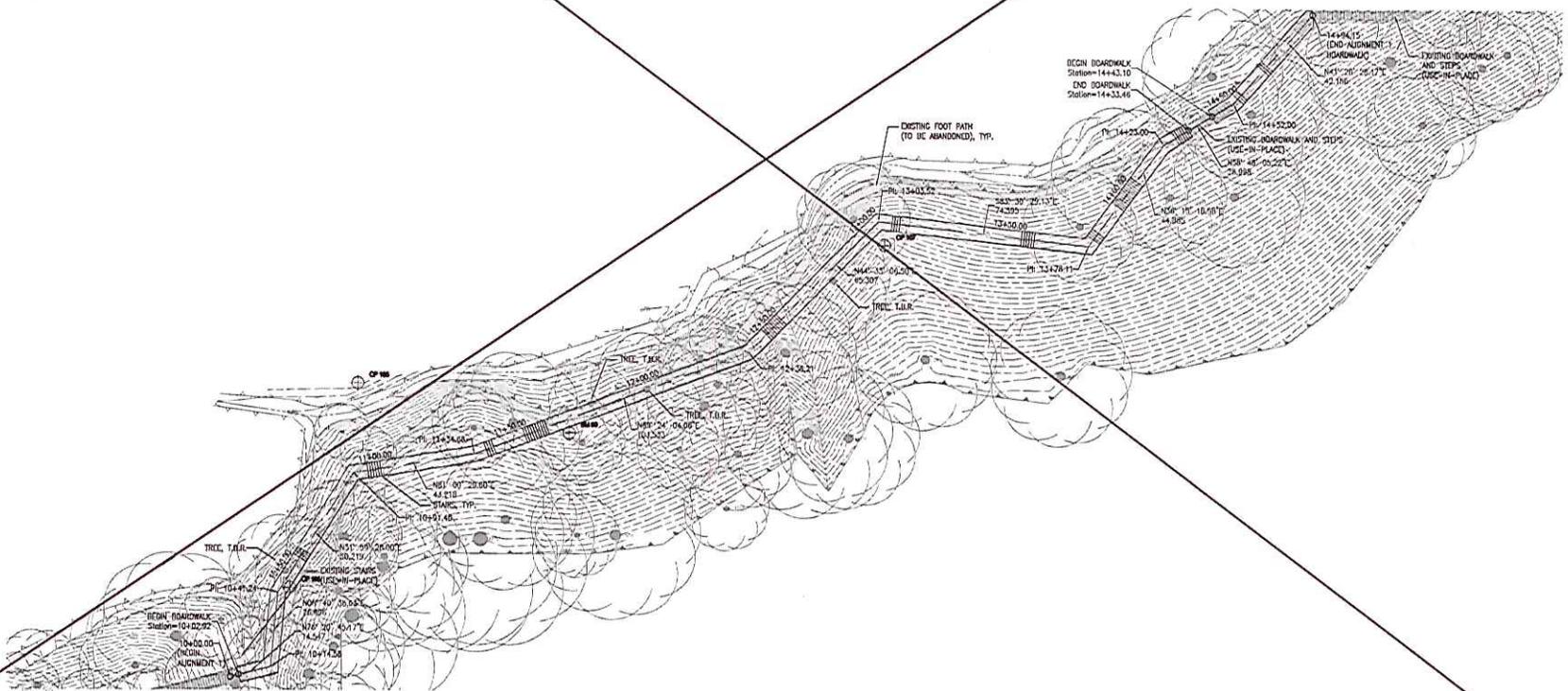
Project Number: 25627A

Sheet Number: **C0.2**

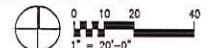




1 PROFILE - ALIGNMENT 1
SCALE: 1"=20' (H), 1"=10' (V)



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



Consulting
PARSONS BRINCKERHOFF
300 North Main Street, Suite 1010
Indianapolis, Indiana 46204
1 (317) 952.1700 4 (317) 972.1700

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195 North 10th Street
Lawrence, IN 47051
1 (765) 742.1900 1 (765) 742.1905

REV	DESCRIPTION	DATE

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

11-16-12

Date of Seal

Sheet Content

PLAN AND PROFILE
ALIGNMENT 1

DATE November 15, 2012

SCALE AS SHOWN

DRAWN BY HLM

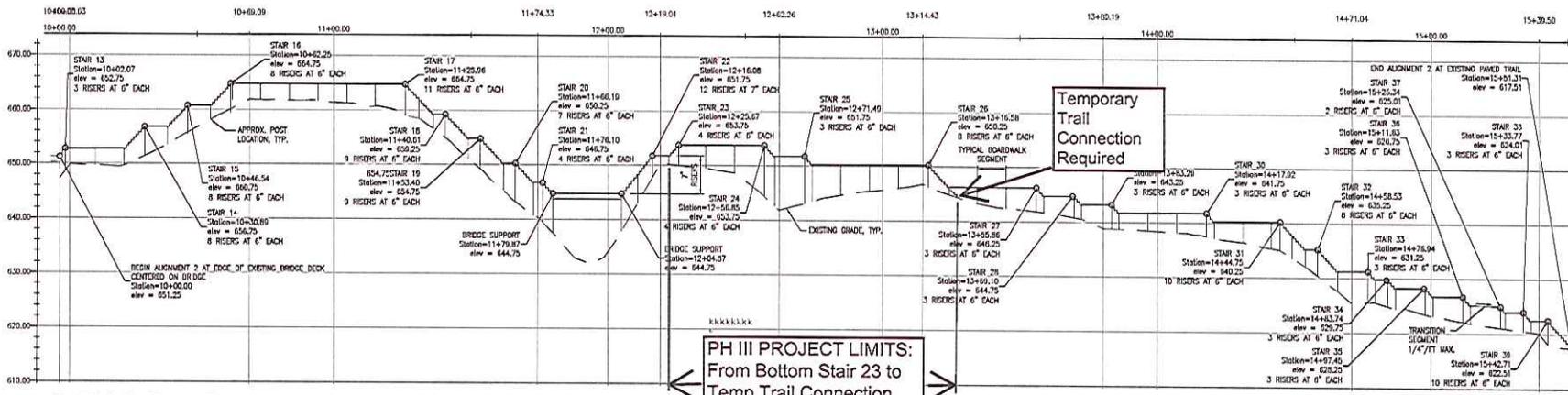
CHECKED BY WK

APPROVED BY RL

Project Number 3567A

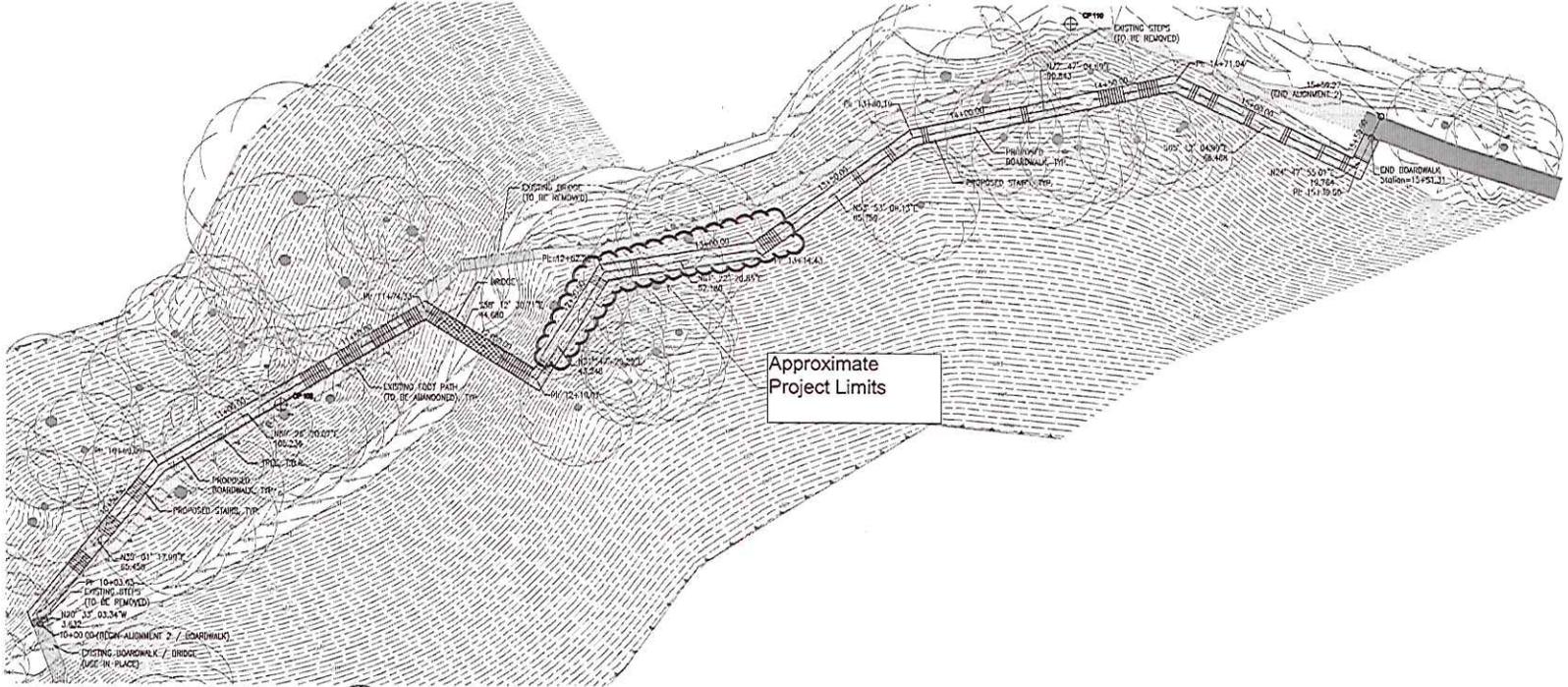
Sheet Number

C1.1

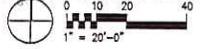


1 PROFILE - ALIGNMENT 2
SCALE: 1"=20' (H), 1"=10' (V)

PH III PROJECT LIMITS:
From Bottom Stair 23 to
Temp Trail Connection
beyond bottom of Stair 26



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



Consultants
PARSONS BRINCKERHOFF
300 North Meridian Street, Suite 1010
Indianapolis, Indiana 47204
41.0171821704 - 4.01117421704

TERRI Design Services Corp.
105 North 10th Street
Lafayette, IN 47901
1.170917411901 - 1.76574214905

REV	DESCRIPTION	DATE

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

11-16-12

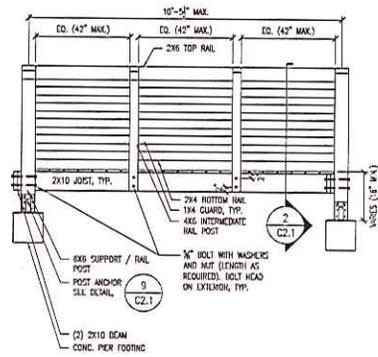
Date of Deal
Sheet Content

**PLAN AND PROFILE
ALIGNMENT 2**

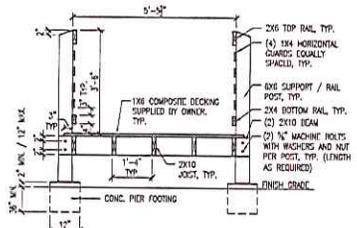
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SCALE: AS SHOWN
DRAWN BY: HLM
CHECKED BY: WK
APPROVED BY: HL

Project Number: 35657A

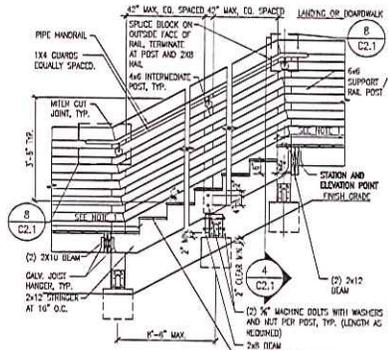
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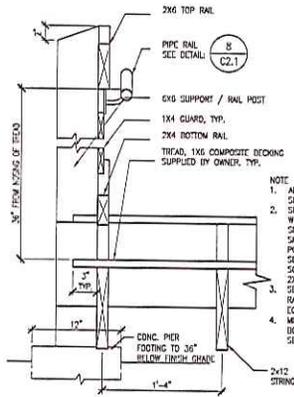
1 BOARDWALK ELEVATION
SCALE: 1/2"=1'-0"



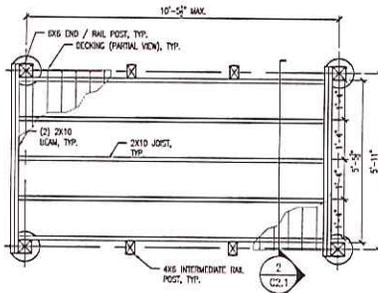
2 BOARDWALK SECTION
SCALE: 1/2"=1'-0"



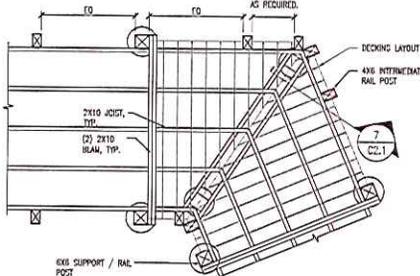
3 STAIRWAY SECTION
SCALE: 1/2"=1'-0"



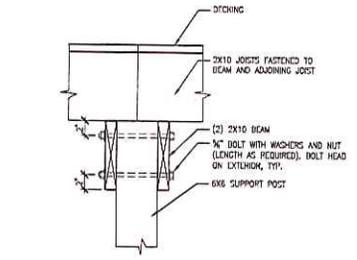
4 STAIRWAY SECTION
SCALE: 1-1/2"=1'-0"



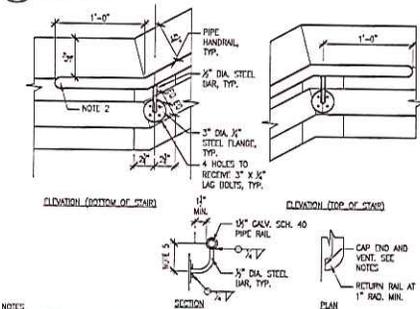
5 BOARDWALK FRAMING PLAN
SCALE: 1/2"=1'-0"



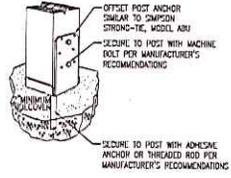
6 DEFLECTED BOARDWALK FRAMING
SCALE: 1/2"=1'-0"



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



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



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

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

NOTE:
1. ALL TOP AND BOTTOM RAIL SPLICES SHALL OCCUR AT A POST.
2. SECURE WOOD RAILS TO POSTS WITH 2 SCREWS MINIMUM, 4 AT SPLICES OVER POSTS (2 PER RAIL).
3. SECURE 2X6 TOP RAIL TO 2X4 TOP RAIL WITH SCREWS AT 24" MAX. EQUAL SPACING.
4. WELD CUT JOINTS AT TOP AND BOTTOM RAILS FOR HARKLINE FIT SEAMS.

NOTE:
1. DOWNWALK OR INTERMEDIATE LANDING. INTERMEDIATE LANDINGS SHALL BE AT LEAST AS LONG AS THE STAIR WIDTH (3'-0" MIN.).
2. TERMINATE HANDRAILS AS SHOWN. HANDRAILS SHALL EXTEND ONE TREAD DEPTH BEYOND BOTTOM RISE AND 12" BEYOND TOP RISE, MINIMUM.

NOTE:
1. ALL TOP AND BOTTOM RAIL SPLICES SHALL OCCUR AT A POST.
2. SECURE WOOD RAILS TO POSTS WITH 2 SCREWS MINIMUM, 4 AT SPLICES OVER POSTS (2 PER RAIL).
3. SECURE 2X6 TOP RAIL TO 2X4 TOP RAIL WITH SCREWS AT 24" MAX. EQUAL SPACING.
4. WELD CUT JOINTS AT TOP AND BOTTOM RAILS FOR HARKLINE FIT SEAMS.

NOTES:
1. TERMINATE HANDRAILS AS SHOWN. HANDRAILS SHALL EXTEND ONE TREAD DEPTH BEYOND BOTTOM RISE AND 12" BEYOND TOP RISE, MINIMUM.
2. TURN ENDS TOWARD WOOD RAIL AND END WITHIN 1/2" OF WOOD RAIL, CAP END.
3. DRILL 1/2" HOLE IN BOTTOM OF RAIL ENDS FOR VENTING.
4. GALVANNEED RAIL ASSEMBLY.
5. BAR LENGTH AS REQUIRED FOR FLANGE AND RAIL POSITIONS INDICATED, 4" MAX.

Consultants
PARSONS BRINCKERHOFF
300 North Meridian Street, Suite 1010
Indianapolis, Indiana 46204
1-317-762-7000 FAX 1-317-762-1756

THIRD Design Services Corp.
105 North 10th Street
Lafayette, Indiana 47901
1-765-742-1000 F 765-742-1005

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 16, 2012
SCALE	AS SHOWN
DRAWN BY	HLM
CHECKED BY	WK
APPROVED BY	RL

Project Number 37667A

Sheet Number **C2.1**

REV	DESCRIPTION	DATE

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



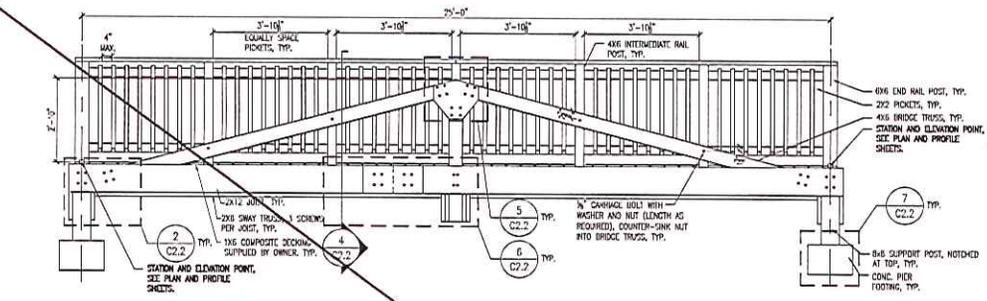
Date of Issue: 11-16-12
 Sheet Content:

BRIDGE DETAILS

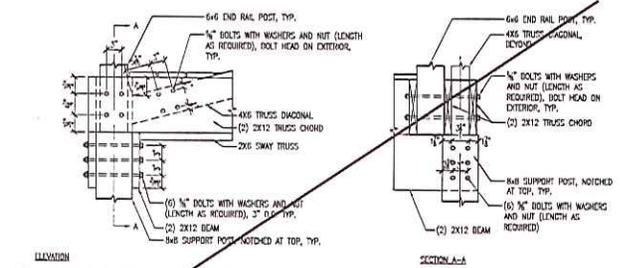
DATE	November 16, 2012
SCALE	AS SHOWN
DRAWN BY	HLM
CHECKED BY	WK
APPROVED BY	RL

Project Number: 35687A

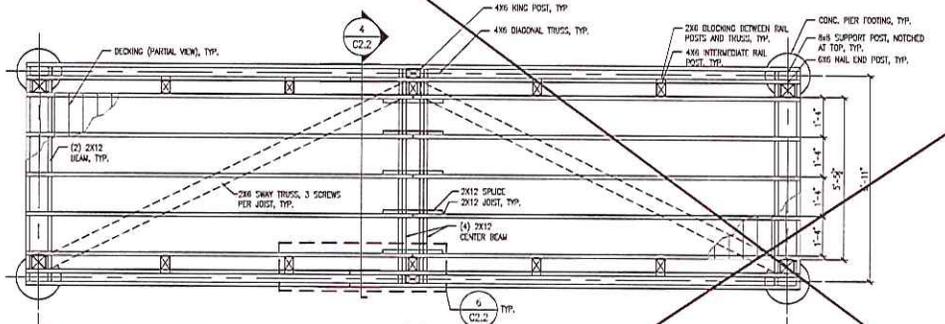
Sheet Number: **C2.2**



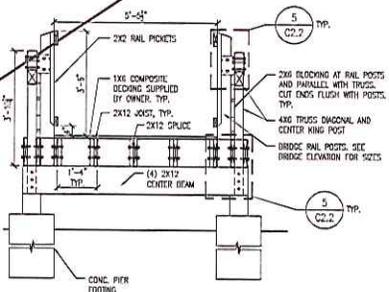
1 BRIDGE ELEVATION
 SCALE: 1/2"=1'-0"



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

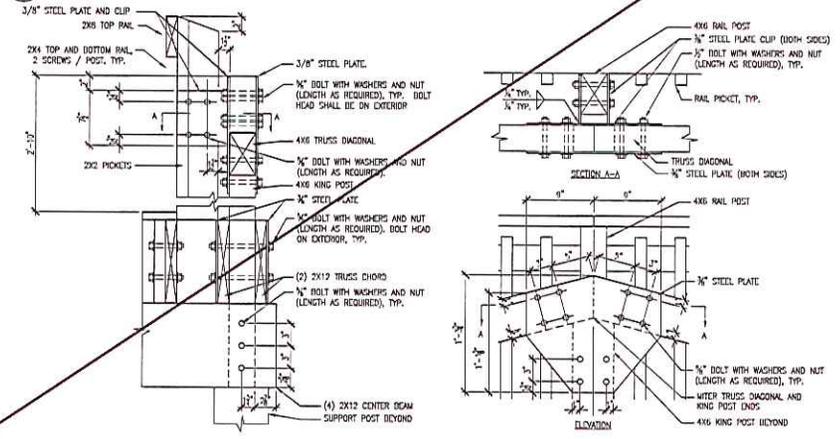


3 BRIDGE FRAMING PLAN
 SCALE: 1/2"=1'-0"

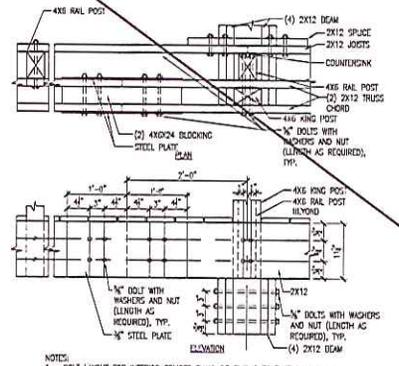


NOTE:
 1. ALL FASTENERS SHALL BE GALVANIZED OR RATED FOR EXTERIOR USE. DECKING FASTENERS SHALL BE AS RECOMMENDED BY THE DECKING MANUFACTURER.

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

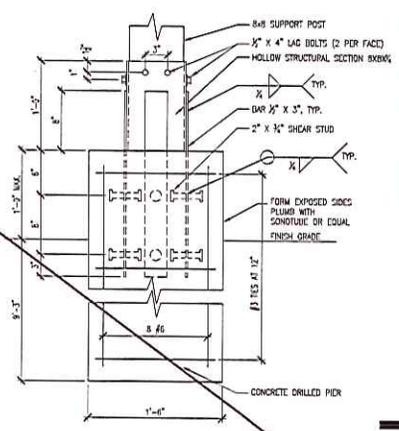


5 BRIDGE RAIL AND TRUSS DETAILS
 SCALE: 1-1/2"=1'-0"



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

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



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