

Website: www.BenzieCRC.org
Email: BenzieCRC@benzieroad.org
(231) 325-3051 Phone
(231) 325-2767 Fax



11318 MAIN STREET
P. O. BOX 68
HONOR, MI 49640-0068

Your Local Road Professionals

ADVERTISEMENT FOR BIDS

Michigan Department of Transportation Arcadia Scenic Overlook deck addition

NOTICE TO BIDDERS: Sealed proposals will be received by the Benzie County Road Commission (BCRC) at the following address until **1:00 p.m. on Friday, May 17, 2019** at which time all bids will be publicly opened and read. Bids shall be in accordance with the specifications obtainable from the road commission office. Bids shall be submitted on the forms provided. Bids shall be submitted in sealed envelopes plainly marked as to the contents, and shall include the name of the bidder. Emailed, faxed, telephoned or texted bids will not be accepted. **Bids sent through the US Mail MUST include the PO Box listed below.** The US Postal Service does not forward improperly addressed mail, this could result in bids not arriving on time.

**TO: Benzie County Road Commission
11318 Main St.
PO Box 68
Honor, MI 49640**

The Benzie County Road Commission is an Equal Opportunity Employer. The Board reserves the right to reject any or all bids and to waive any irregularities in bidding and to accept the bid deemed to be in the best interest of the Benzie County Road Commission.

PRE-QUALIFICATIONS - Bidders shall be pre-qualified by the Michigan Department of Transportation (MDOT) or have available, upon request, three references of previous work experience including the company name, address, phone, and contact person. Sub-contracting any portion of the work must be pre-approved by BCRC.

MATERIALS:

The materials list and plans are attached to this bid form.

SCOPE OF WORK:

The work to be completed includes removing and replacing the northern most deck and foundations of the scenic overlook North of Arcadia and West of M-22. GPS coordinates 44° 31' 14.0 secs N 86° 13' 57.0 secs W

The Contractor shall carefully protect the property of MDOT, adjacent structures, and utilities both above and below ground. All damages to the property, existing structures, will be remedied by the Contractor by repairing or replacing the same as incidental to the work, and no extra compensation will be allowed.

All materials shall be applied in accordance with the individual manufacturer's recommendations

PERMITS AND INSURANCE:

The successful bidder shall be responsible for any and all permits required.

Proof of Commercial General Liability (minimum \$1,000,000) and Worker's Compensation insurance shall be provided.

BID PROCEDURES:

Bids shall be placed in a sealed envelope, clearly marked on the outside "**Arcadia Deck**"

Bids must be mailed to or dropped off at the Road Commission office. No faxed or electronically submitted bids will be accepted. **Bids sent through the US Mail MUST include the PO Box 68.**

MISCELLANEOUS:

The property may be inspected during daylight hours, it is located west of M-22 North of the Village of Arcadia.

MDOT is planning to acquire permission to use the private driveway on the adjacent parcel to the north for use during this construction project.

Construction shall be completed prior to August 31, 2019.

Final inspection and acceptance by MDOT will be completed prior to payment.

The Michigan Department of Transportation and Benzie County Road Commission reserve the right to accept or reject any or all bids, to waive any irregularity or defect in a bid, or to accept the bid which in their opinion is in their best interest.

Bid Form
Arcadia Deck
Benzie County Road Commission
Honor, MI

Federal EIN: _____

The undersigned wishes to submit the following proposal for **Arcadia Deck**.

All bids should be in accordance with the project details and supplemental specifications. Any questions on the proposed work, location, or limits should be directed to **Scott Fasel** at the Benzie County Road Commission at 231-325-3051 or Jeff Hunt at the Michigan Department of Transportation at 231-941-1986. **Sealed bids are due by 1:00 p.m. Friday, May 17, 2019.**

Tax exemption certificate will be signed upon request.

Total Bid Price: \$ _____

Notes &

Terms: _____

The undersigned hereby certifies that he/she has examined, and has the authority to submit, this bid proposal and is fully informed as to the nature of the work, and that all above conditions will be equaled or exceeded, and all requested information has been completed.

Company Name _____

Company Address _____

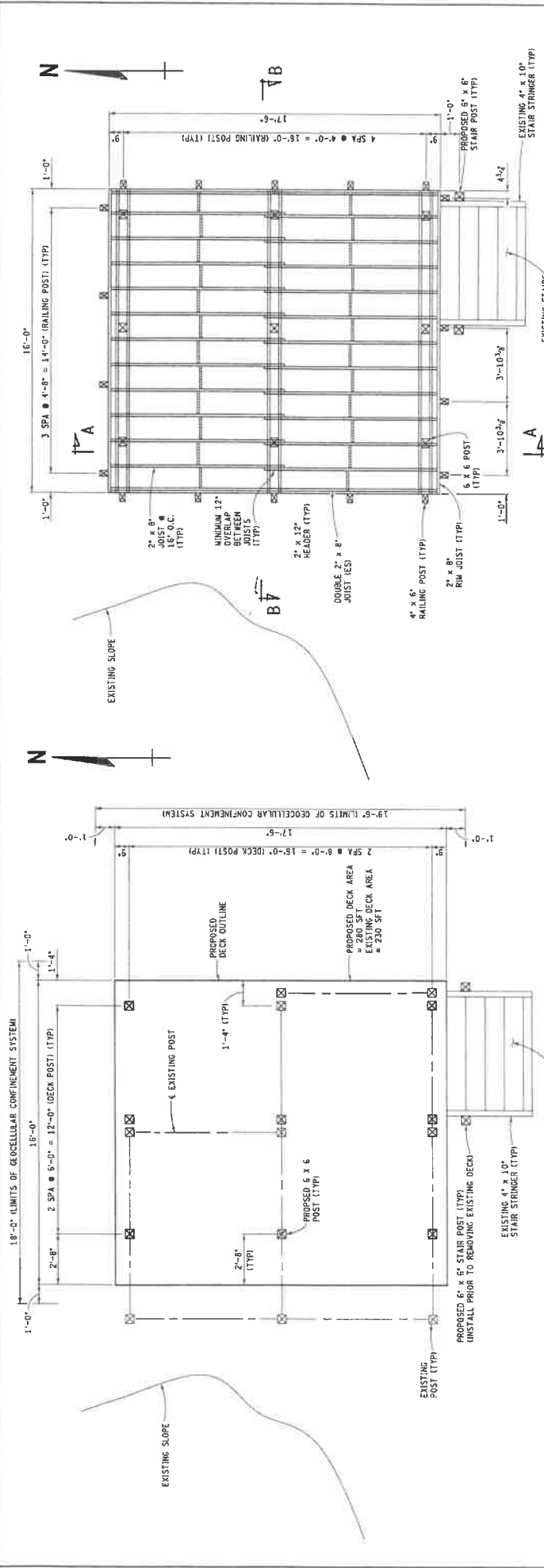
Telephone Number _____ Fax Number _____

Email _____

Signature & Title of Authorized Agent _____

(Signature)

(Print name)



JOIST FRAMING PLAN

BLOCKING NOT SHOWN OVER POSTS FOR CLARITY.

PLAN - EXISTING/PROPOSED DECK

NOTES:

THE WORK COVERED BY THESE PLANS INCLUDES REMOVING AND REPLACING THE EXISTING DECK AND FOUNDATIONS OF THE SCENIC OVERLOOK NORTH OF ARCADIA AND WEST OF WHEEL OPS COORDINATES: 44 31 14.2N 86 13 57.0W.

STAIRS, RIF POST PAIR CONNECTIONS SHALL BE DESIGNED TO RESIST FACTORED LEFT FORCE OF 0.15 RIPS AND A FACTORED DOWNWARD FORCE OF 10.5 KIPS.

ES DENOTES EACH SIDE.

THE DESIGN OF THIS STRUCTURE IS BASED ON CURRENT AASHTO LRFD BRIDGE DESIGN SPECIFICATION PEDESTRIAN LOADING OF 30 PSF. LIVE LOAD DEFLECTION DOES NOT EXCEED 1/360 OF SPAN LENGTH AND 1/220 OF THE CHAIRLIFT ARM.

BLOCKING BETWEEN JOISTS IS TO BE PLACED AT EACH END OF THE JOISTS AND NEAR MIDSPAN. STAGER BLOCKING AS NEEDED FOR INSTALLATION.

STEEL REINFORCEMENT SHALL BE GRADE 60 MEETING THE REQUIREMENTS IN SECTION 905 OF THE STANDARD SPECIFICATIONS.

MISCELLANEOUS QUANTITIES

- 1 LSUM Structures, Rein Partials (10011)
- 1 LSUM Structures, Timber Deck (10011)
- 24 Ft Drilled Shaft, 12 inch
- 100 Ft Drilled Shaft, 18 inch
- 2000 Dir Destruction Removal
- 1 LSUM Shaft Equipment, Furnished (10011)
- 39 Syd Geocellular Confinement System

INCLUDES REMOVING EXISTING DECK SYSTEM, AND REMOVING, SALVAGING, AND RE-ERECTING TOWER OPTICAL.

MATERIALS SPECIFICATIONS

LUMBER: ALL LUMBER MUST BE DRESSED S4S (SUBSEAGED FOUR SIDES) IN ACCORDANCE WITH ASTM D 245. ALL LUMBER SIZES ARE NOMINAL.

WOOD DECK: 2 INCH BY 6 INCH, SOUTHERN PINE NO. 2, TREATED.

WOOD JOISTS: 2 INCH BY 8 INCH, SOUTHERN PINE NO. 2, TREATED.

WOOD HEADERS: 2 INCH BY 12 INCH, SOUTHERN PINE NO. 1, TREATED.

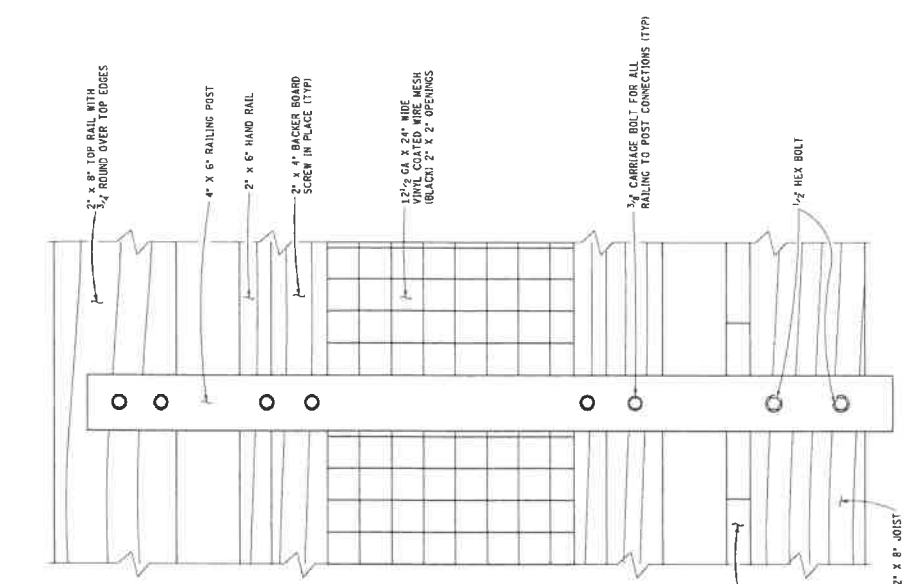
WOOD BLOCKING: 2 INCH BY 8 INCH, SOUTHERN PINE NO. 2, TREATED.

WOOD POST: 6 INCH BY 6 INCH, SOUTHERN PINE NO. 2, TREATED.

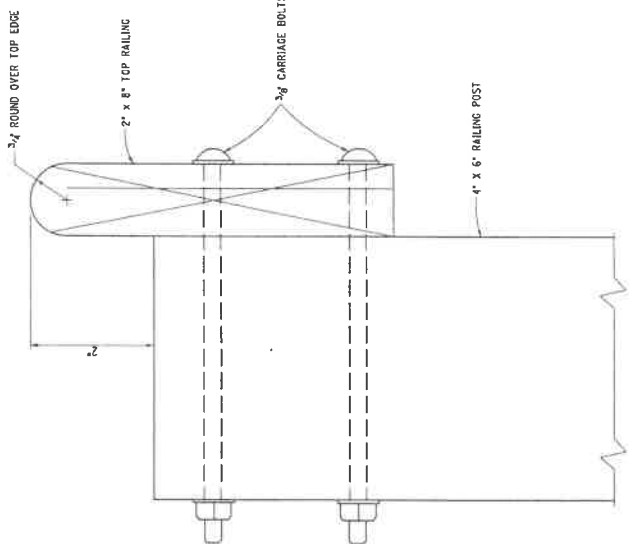
WOOD RAILING AND BENCH: 4 INCH BY 6 INCH POSTS, 2 INCH BY 8 INCH, 2 INCH BY 6 INCH, AND 2 INCH BY 4 INCH, SOUTHERN PINE NO. 2, TREATED.

TEMP CASINGS—LEFT IN PLACE, CORRUGATED METAL PIPE OR SMOOTH WALL STEEL CASING.

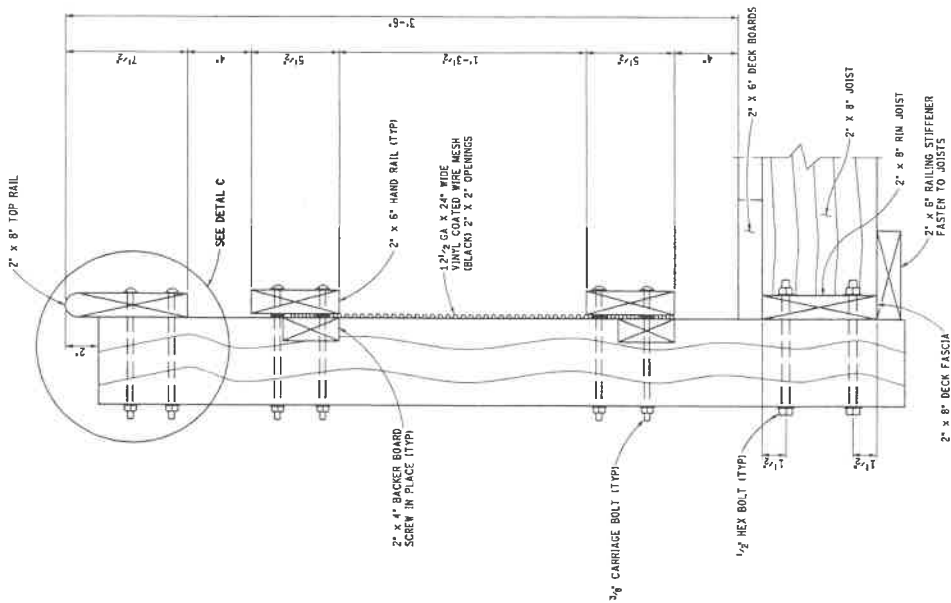
NO.	DATE	AUTH.	DESCRIPTION	NO.	DATE	AUTH.	DESCRIPTION	1	1	1	1	1	1
FINAL ROW PLAN REVISIONS													
SUBMITTAL DATE:													
DATE:													
AUTH:													
DESCRIPTION:													
DRAWING SHEET:													
10011 SECT:													
001													
DRAWING SHEET:													
10011 SECT:													
001													
DATE: 07-16-18													
DESIGN UNIT: ARCADIA													
CORR BY: NC													
DRAWN BY: MAZUREK / AUG													
CS: 10011													
ARCADIA SCENIC TURNOUT DECK DETAILS													
NO SCALE													
TSC: TRAVERSE CITY													
FILE: 10011_arcadia_deck_001.dgn													



DETAIL B




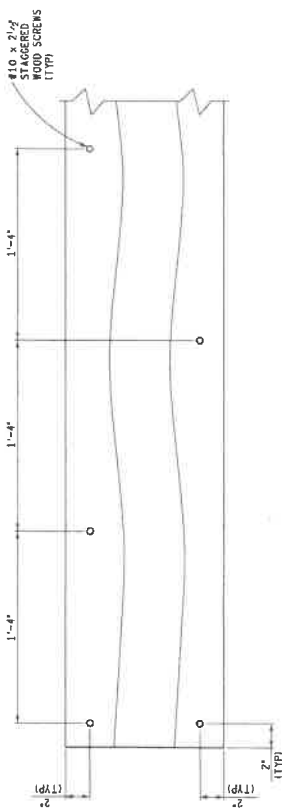
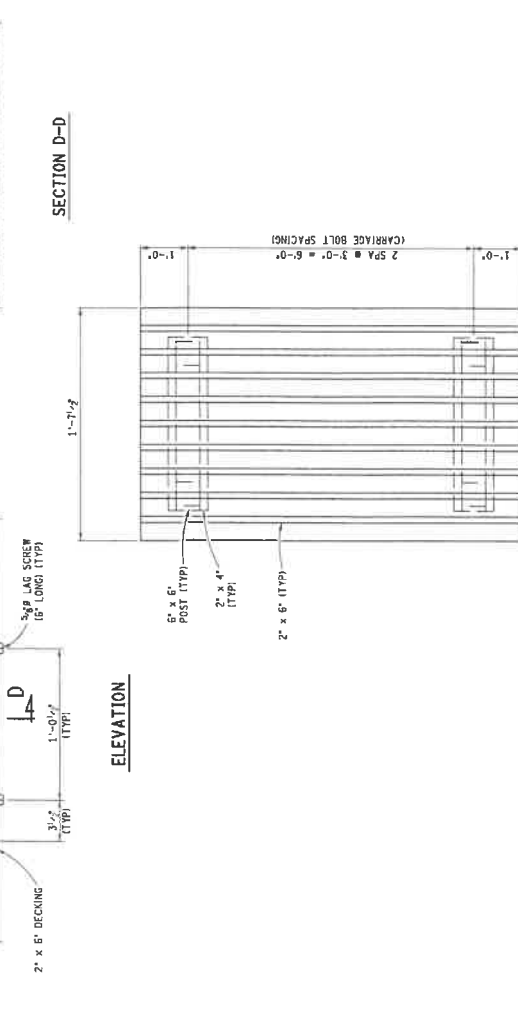
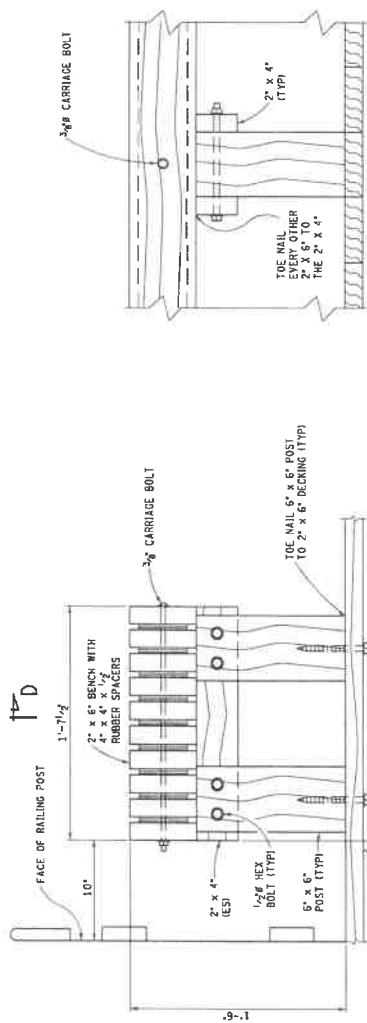
DETAIL C



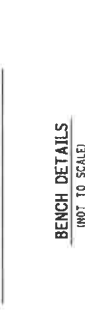
DETAIL A

RAILING DETAILS

DRAWING SHEET		ARCADIA SCENIC TURNOUT DECK DETAILS		DRAWING SHEET	
1001: SECT		CS: 10011		1001: SECT	
deck		JUN:		deck	
G03		DATE: 02-07-18		G03	
		DESIGN UNIT: GARCIA			
		TSC: TRAVERSE CITY			
		FILE: 10011 arcadia_deck_003.dgn			
		DRAWN BY: MAZUREK / AMB			
		CORR BY: MC			
		NO SCALE			
		 Michigan Department of Transportation			
FINAL ROW PLAN REVISIONS		SUBMITTAL DATE:		1	
NO. DATE AUTH DESCRIPTION		NO. DATE AUTH DESCRIPTION			

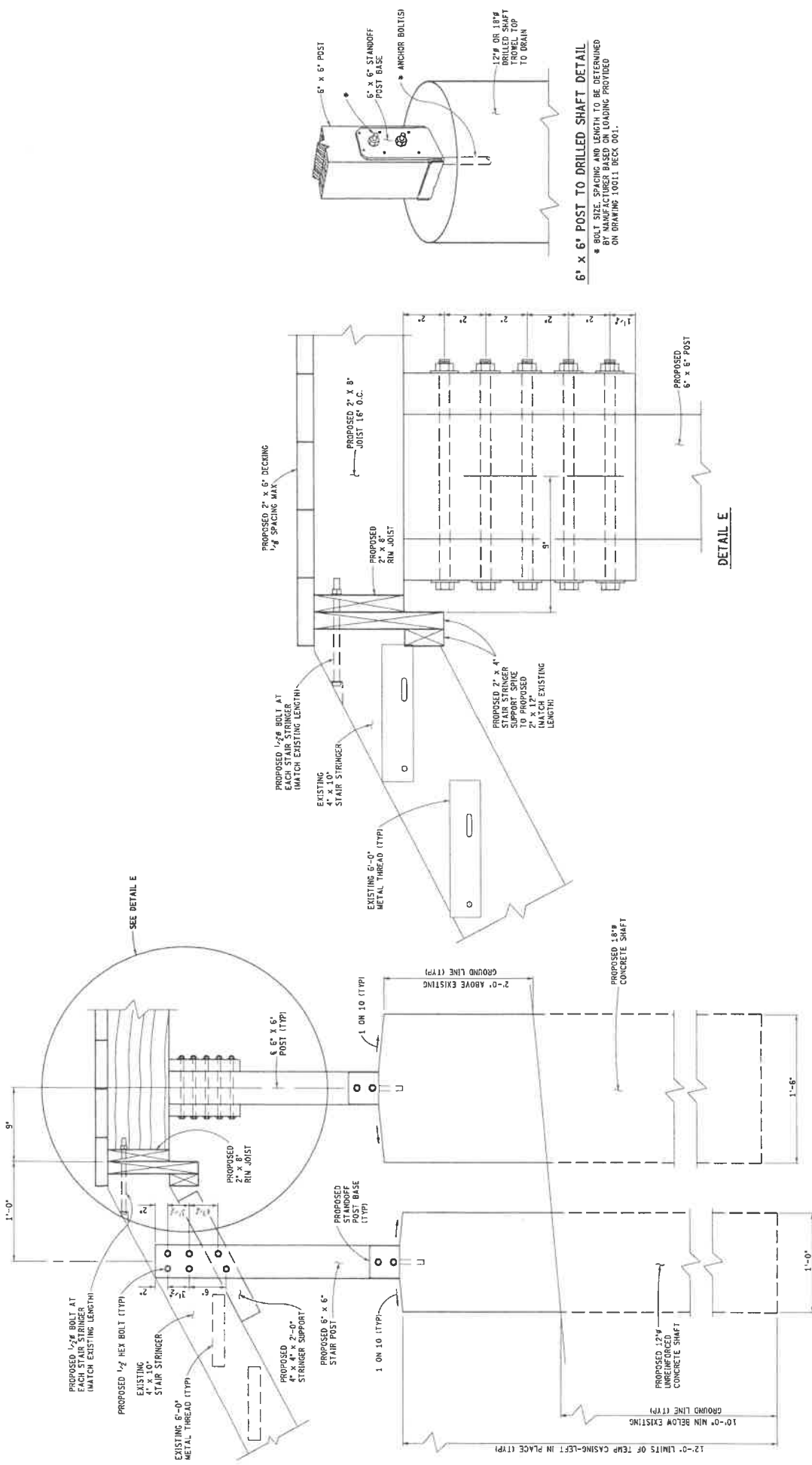


PLAN VIEW OF POST SPACING



BENCH DETAILS
(NOT TO SCALE)

NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	FINAL ROW PLAN REVISIONS	1	DESCRIPTION
<p>NO SCALE</p> <p>MDOT Michigan Department of Transportation</p> <p>DRAWN BY: MAZUREK / AMB CHECKED BY: STRATZ DATE: 02-07-18 DESIGN UNIT: GARCIA FILE: 10011 arcadia deck 005.dgn</p> <p>CS: 10011 JUN</p> <p>ARCADIA SCENIC TURNOUT DECK DETAILS</p>										
										DRAWING SHEET
										10011 SECT
										deck
										005



6' x 6' POST TO DRILLED SHAFT DETAIL

* BOLT SIZE, SPACING AND LENGTH TO BE DETERMINED BY MANUFACTURER BASED ON LOADING PROVIDED ON DRAWING 10011 DECK 001.

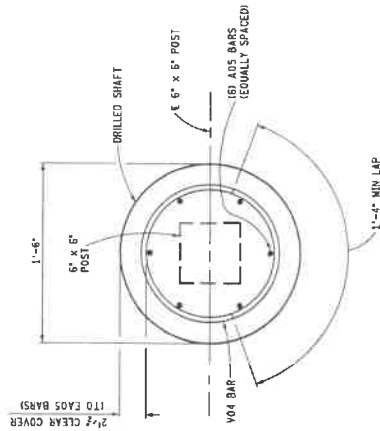
DETAIL E

ELEVATION - STAIR CONNECTION

NO.	DATE	AUTH	DESCRIPTION	IND.	DATE	AUTH	DESCRIPTION	IND.	DATE	AUTH	DESCRIPTION
1											

FINAL ROW PLAN REVISIONS	CS: 10011	DATE: 02-08-18	DRAWN BY: MAZUREK / AMB	ARCADIA SCENIC TURNOUT DECK DETAILS	DRAWING SHEET
NO SCALE	JIN:	DESIGN LIMIT: GARCIA	CHKD BY: STRATZ, CORR BY: MC		10011 SECT
		TSC: TRAVERSE CITY	FILE: 10011_arcadia_deck_006.dgn		deck
					006





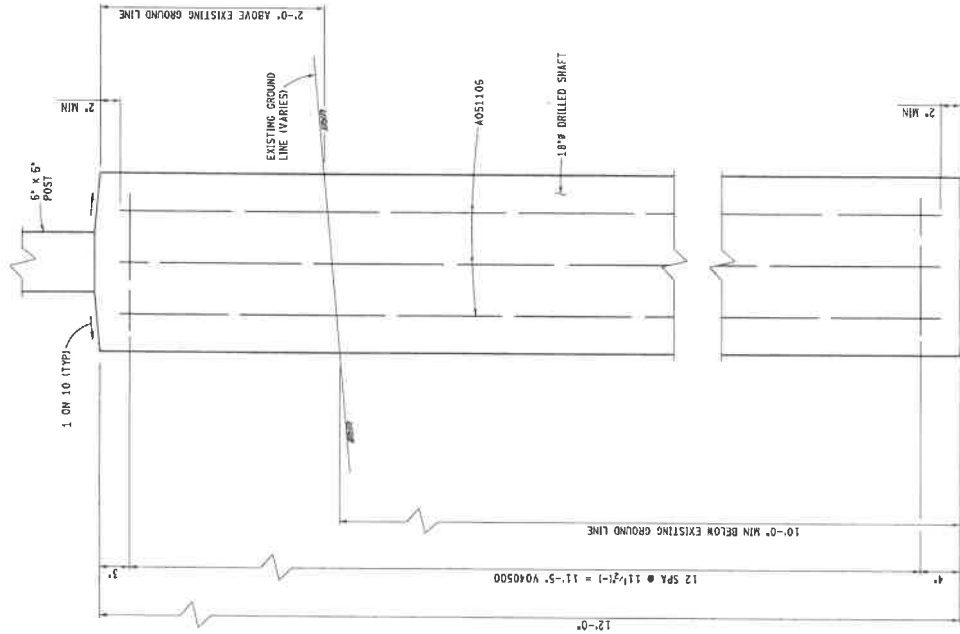
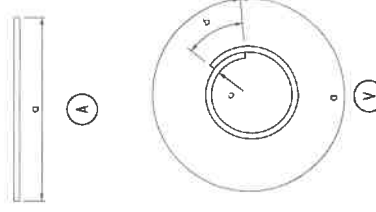
SECTION THRU 18"Ø DRILLED SHAFT

DRILLED SHAFT TABLE

BAR	DIMENSIONS		
	a	b	c
A051106	1'-6"	1'-4"	6 ³ / ₈ "
V040300	3'-7 ¹ / ₂ "	1'-4"	6 ³ / ₈ "

REINFORCEMENT IS TO BE SHIP CUT AS SHOWN.
 REINFORCEMENT IS DETAILED FOR INFORMATION
 ONLY. PAYMENT FOR REINFORCEMENT IS INCLUDED
 IN PAYMENT FOR "DRILLED SHAFT, 18 INCH".

BAR SIZE
 BAR LENGTH (FT)
 BAR LENGTH (IN)
 A064700
 BAR SHAPE
BAR LEGEND



DRILLED SHAFT PROFILE

NO.	DATE	AUTH	DESCRIPTION	NO.	DATE	AUTH	DESCRIPTION	CS:	10011	ARCADIA SCENIC TURNOUT DECK DETAILS	1001: SECT
								UN:			deck
											007

NO SCALE



FINAL ROW PLAN REVISIONS (SUBMITTAL DATE:)
 DRAWN BY: BEHRENS
 CHKD BY: STRATZ CORR BY: MC
 FILE: 10011_arcadia_deck_007.dgn

DATE: 02-07-18
 DESIGN UNIT: GARCIA
 TSC: TRVERSE CITY