



Form 810025 (01-14)

# APPLICATION AND AGREEMENT FOR USE OF HIGHWAY RIGHT-OF-WAY FOR UTILITIES ACCOMMODATION

FOR DEPARTMENT USE ONLY

Permit Number <u>9/14-2014-058</u>	Highway Number <u>92</u>	County <u>Warren</u>
DOT Project Number <u>WHSX-092-5(51)-3491</u>	Expiration/Completion Date <u>4-1-2015</u>	
APPLICANT (INDIVIDUAL OR COMPANY)		
First Name <u>Nicholas</u>	Middle <u>T</u>	Last Name <u>Rentel</u>
Company Name <u>MCC Iowa, L.L.C.</u>	Phone Number <u>515-208-2082</u> Ext.	
Street Address <u>2205 Ingersoll Avenue</u>	City/Town <u>Des Moines</u>	State <u>IA</u>
	ZIP Code <u>50312</u>	Ext. <u></u>

**INSTALLATION TO BE ACCOMMODATED**  
Approval is hereby requested to enter within the state highway right-of-way for the accommodation of a utility installation as detailed on the attachments and further described as follows.

The installation shall consist of:

This application is for a Mediacom fiber optic cable relocation under Iowa Highway 92, along the west side of County Highway R-63. Directional bore one (1), one and a half inch (1.5"), schedule 40 PVC with a 12 count fiber cable at a depth of 60". The installation will begin at an existing Mediacom utility vault, south of Hwy 92. Place conduit 5' EAST OF DOT ROW LINE. Exit DOT right-of-way on the north side of Hwy 92, at the new utility vault.

Directional bore pits will be located at both vault locations.

and shall be located as shown on the detailed plan attached hereto. (See current Iowa Department of Transportation Utility Accommodation Policy for submittal of detailed plan requirements.)

### WORK SITE LOCATION

The proposed work as described above is located in Section 27, Twp. 76N, Range 24W on Highway No. 92 generally located 0.00 (miles) in (direction) from the City Limits of Indianola (city, county line, or other land line). Work proposed is more specifically located as being from 128.495 (Milepost #) and 390+24 (Highway Station) to 128.495 (Milepost #) and 390+24 (Highway Station) on the North/ South side of highway.

### Applicant Signature and Agreement

I have read this Agreement, understand its provisions, and agree to abide by it and the utility accommodation policy of the Iowa Department of Transportation

Name of Agent (Print or Type) <u>Nicholas T. Rentel, P.E.</u>	Agent/Owner (Signature) 	Title <u>Project Engineer</u>
Name of Owner (Print or Type) <u>MCC Iowa, LLC.</u>	Date <u>9-16-14</u>	

### CITY ACTION (IF PROPOSED WORK IS WITHIN AN INCORPORATED CITY, CITY ACTION IS REQUIRED)

"The undersigned city joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned city and recommends action on said permit application as noted below by the delegated city official".

Recommend Approval  Do Not Recommend Approval  None Required

Handwritten Signature 	Title <u>M.G. Corp.</u>	Date <u>9/13/14</u>
Type or Print Name <u>MCCS BROWN</u>	Authorized Official for the City of <u>Indianola</u>	

### COUNTY ACTION (IF PROPOSED WORK CROSSES COUNTY RIGHT-OF-WAY, COUNTY ACTION IS REQUIRED)

"The undersigned county joins in the grants embodied in the above permit executed by the Iowa Department of Transportation on condition that all of the covenants and undertakings therein running to the Iowa Department of Transportation shall inure to the benefit of the undersigned county and recommends action on said permit application as noted below by the delegated county official".

Recommend Approval  Do Not Recommend Approval  None Required

Handwritten Signature	Title	Date
Type or Print Name	Authorized Official for the County of	



**FOR DEPARTMENT USE ONLY**

**Special Requirements** - in addition to the stipulations below, the following special requirements shall apply to this permit:  
All Pedestals shall be marked with a permanent highly visible post and signs.  
The minimum height requirement for the sign shall be 5 foot

**FEDERAL HIGHWAY ADMINISTRATION ACTION (WHEN REQUIRED)**

**Recommend Approval**     **Do Not Recommend Approval**     **None Required**

Authorized FHWA Representative Signature

Date

**DEPARTMENT OF TRANSPORTATION FINAL ACTION**

**Application Approved**     **Application Denied**

Authorized Highway District Representative  
Dale O'Brien

Signature

Date

Permit Number: 91U-2014-058

Notice of intention to start construction or maintenance activities on the highway right-of-way shall be made to:

Local DOT Contact Person (Type or Print Name)  
Scott Sommers, P.E.

Phone Number  
641-774-5056

Street Address  
21922 480th St

City/Town  
Chariton

State ZIP Code  
IA 50049

**AGREEMENTS**

The utility company, corporation, applicant, permit holder or licensee, (hereinafter referred to as the Permit Holder) agrees with the Iowa Department (hereafter referred to as Department) that the following stipulations and those special requirements as listed on this page shall govern under this permit.

**A. General**

1. The installation shall meet the requirements of local municipal, county, state, and federal Iowa franchise rules and regulations, regulations and directives of the Iowa State Commerce Commission; the Department of Natural Resources, all rules and regulations of the Department and any other laws or regulations applicable.
2. The Permit Holder shall be fully responsible for any future adjustments of the facilities within the established highway right-of-way caused by highway construction or maintenance operations.
3. Non-compliance with any of the terms of the Department's policy, permit or agreement, may be considered cause for shut-down of utility construction operations or withholding of relocation reimbursement until compliance is assured, or revocation of the permit. The cost of any work caused to be performed by the State in removal of non-complying construction will be assessed against the Permit Holder.
4. The work described in this permit shall be completed as proposed in compliance with the stipulations and special requirements within one year from the date Department approval is received for said request. Failure on the part of the Permit Holder to abide by the stipulations or in constructing the work described as stipulated and within the time frame stated shall render this agreement and request null and void. The Permit Holder also agrees to save the State of Iowa and the Department harmless of any damages or losses that may be sustained by any person, or persons, on account of the conditions and requirements of this agreement.

**B. Construction and Maintenance**

1. The location, construction and maintenance of the utility installation covered by this application shall be in accordance with the current Department's Utility Accommodation Policy.
2. Before beginning any work in the highway right-of-way, it is the responsibility of the Permit Holder to obtain an easement from the drainage district if necessary. The Department assumes no responsibility for advising the Permit Holder of each location of a drainage district crossing. It is the Permit Holder's responsibility to locate these crossings and obtain any necessary easements or permission from the drainage district. See Code of Iowa, Chapter 468 for additional information.
3. A copy of the approved permit shall be available on the job site at all times for examination by Department officials.
4. All traffic control including sign placement and flagging are the responsibility of the Permit Holder. The original placement of signs and their removal upon completion of the work shall be accomplished by the Permit Holder.
5. Operations in the construction and maintenance of said utility installation shall be carried on in such a manner as to cause minimum interference to or distraction of traffic on said highway.
6. After November 24, 2008, all personnel in the highway right-of-way shall wear ANSI 107 Class 2 apparel at all times when exposed to traffic or construction equipment.

**C. Liability**

1. The Permit Holder shall indemnify and save harmless the State of Iowa, its agencies and employees, from any and all causes of action, suits at law or in equity, for losses, damages, claims or demands, and from any and all liability and expense of whatsoever nature, arising out of or in connection with the Permit Holder's use or occupancy of the public highway.
2. The state of Iowa and the Department assume no responsibility for damages to the Permit Holder's property occasioned by any construction or maintenance operations on said highway if Permit Holder has been notified in accordance with stipulation number D.3. or if the facilities are not located in accordance with this permit.

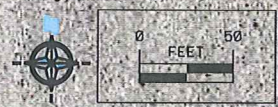
3. The State of Iowa, its agencies or employees, will be liable for expense incurred by the Permit Holder in its use and occupancy of the highway right-of-way only when negligence of the State, its agencies or employees, is the sole proximate cause of such expense. Whether in contract, tort or otherwise, the liability of the State, its agencies and employees, is limited to the reasonable, direct expense to repair damaged utilities, and in no event will such liability extend to loss of profits or business, indirect, special, consequential or incidental damages.

**D. Notification**

1. The Permit Holder is responsible for contacting Iowa One-Call (1-800-292-8989) and request the location of any underground utilities forty-eight (48) hours before excavation. Before beginning work in the highway right-of-way, the Permit Holder shall also contact any other known utility located in the area of the proposed work.
2. The Permit Holder agrees to give the Department forty-eight hours notice of its intention to start construction or to perform routine maintenance on the highway right-of-way. Said notice shall be made to the contact person whose name is shown on this page.
3. The Department shall give the Permit Holder at least forty-eight hours notice of any proposed construction or maintenance work, on either existing or newly acquired right-of-way when the proposed work will be ten feet of a utility location as previously approved by the Department by permit or written agreement. The Permit Holder shall be responsible within this time frame to arrange to protect its facilities.

**Disclosure Statement:** The information furnished on this form will be used by the Department of Transportation to determine approval or denial of the application. Failure to provide all information will result in denial of the application. Information furnished is public information and copies may be provided to the public upon request.





PROJECT NO: IAB99-B14--PPP  
 PROJECT NAME: HIGHWAY 92 RELOCATE  
 PROJECT DATE: SEPTEMBER 2014  
 CAD DATE: 09/04/14

DESIGNED BY: N.RENTEL  
 CHECKED BY: R.ADAMS  
 DRAWN BY: N.RENTEL

NO	DATE	BY	REVISION DESCRIPTION

**COMMUNICATION DATA LINK**  
 UTILITIES CONSTRUCTION CONTRACTOR

MEDIACOM UTILITY PERMIT  
 IOWA DOT - DISTRICT 5  
 INDIANOLA, IOWA - WARREN COUNTY

SITE PLAN  
 IDOT UTILITIES ACCOMMODATION PERMIT

SHEET NO.  
 1



Lincoln TWP.  
T-76N R-24W  
SEC. 27



Curve Data  
 $\Delta = 0^\circ 19' 35.74''$  (RT)  
 $T = 34.20$   
 $L = 68.40$   
 $R = 12,000.00$   
 $E = 0.05$

Vault  
Location

Side Road  
15" X 28.0'  
C.M.P.  
(UAC)

Sta. 390+24

PI Sta 391+01.53

15" X 30.0'  
Conc. Pipe  
(REMOVE)

395 (Close)

18' X 243.2'  
Conc. Pipe  
(UAC)

15' X 48.0'  
Conc. Pipe  
(UAC)

24' X 80.8'  
Conc. Pipe  
(Remove)

+16.98 Prop.  
Type "B" Ent.

390

400

405

IA 92 (M.092)

15" X 18.0'  
Conc. Pipe  
(REMOVE)

(Close)

Side Road  
15" X 28.0'  
C.M.P.  
(REMOVE)

Side Road  
15" X 56.0'  
C.M.P.  
(REMOVE)

Sta. 390+78.55  
2' X 2' X 132.0' RCB  
w/ 30" RCP Extensions  
D.A. = 7 Ac - R  
(REMOVE)

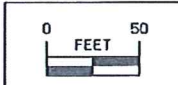
Sta. 391+07.0  
Install 24" RCP  
Skew = 37° Rt. Ahd.  
F.L. = Lt. 966.73  
Rt. 963.79

Sta. 395+43.91  
2' X 2' X 43.0' RCB  
w/ 30" RCP Extensions  
D.A. = 9 Ac - R  
(REMOVE)

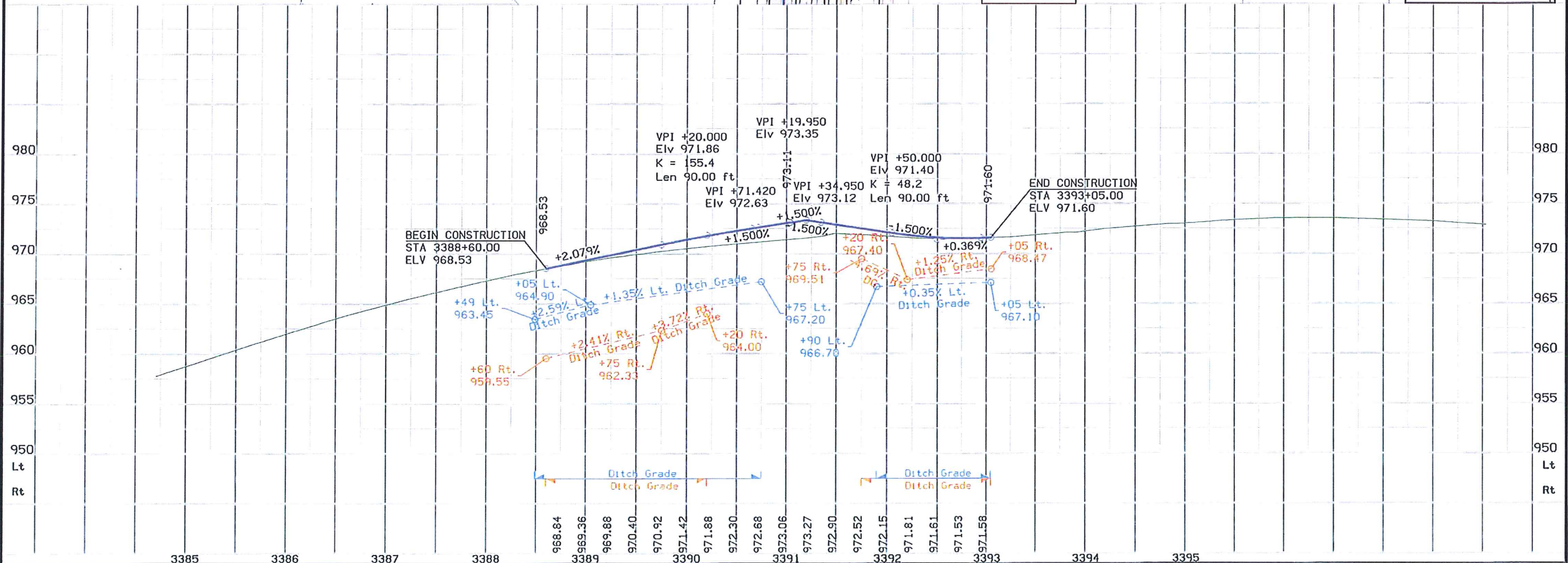
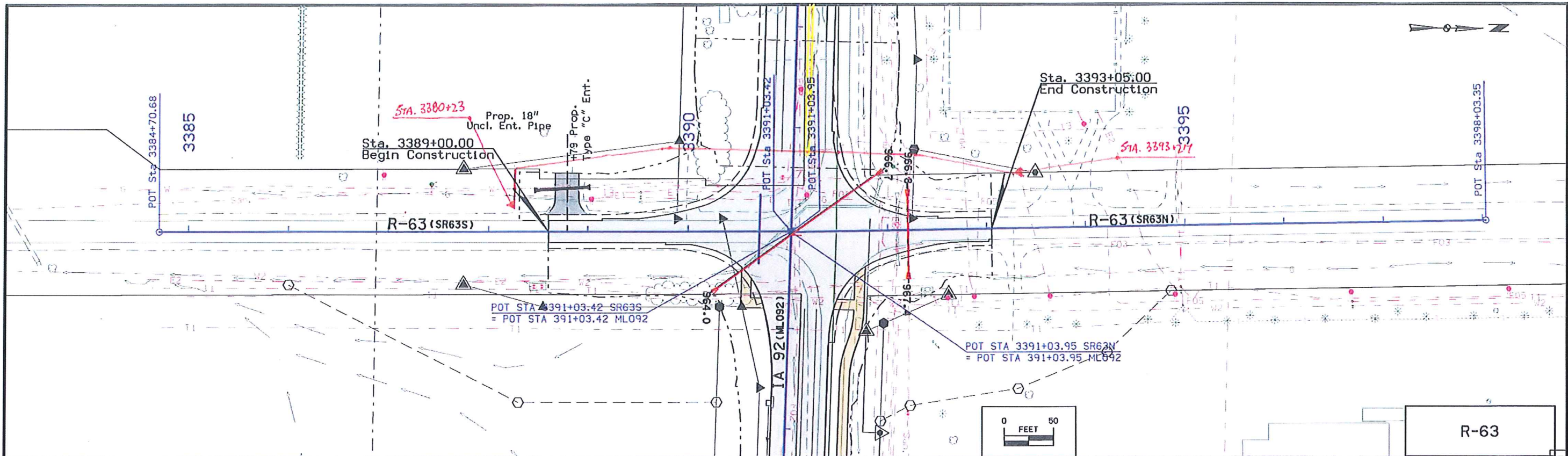
Sta. 391+29.59, 61.89 Lt.  
24" X 60.0' Conc Pipe  
D.A. = 3 Ac - R  
(REMOVE)

Vault  
Location

R-63 (SR63N)  
R-63 (SR63S)



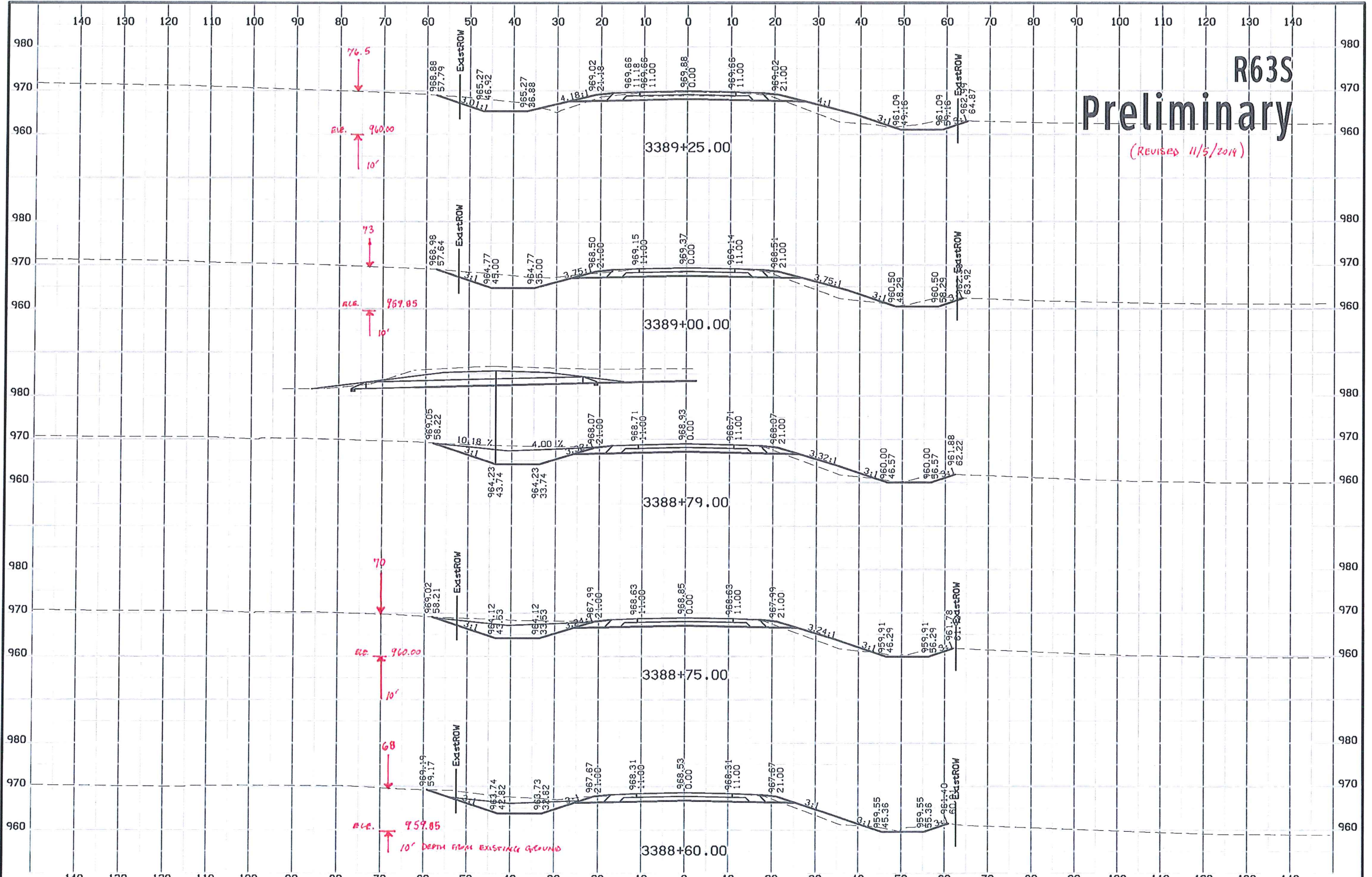




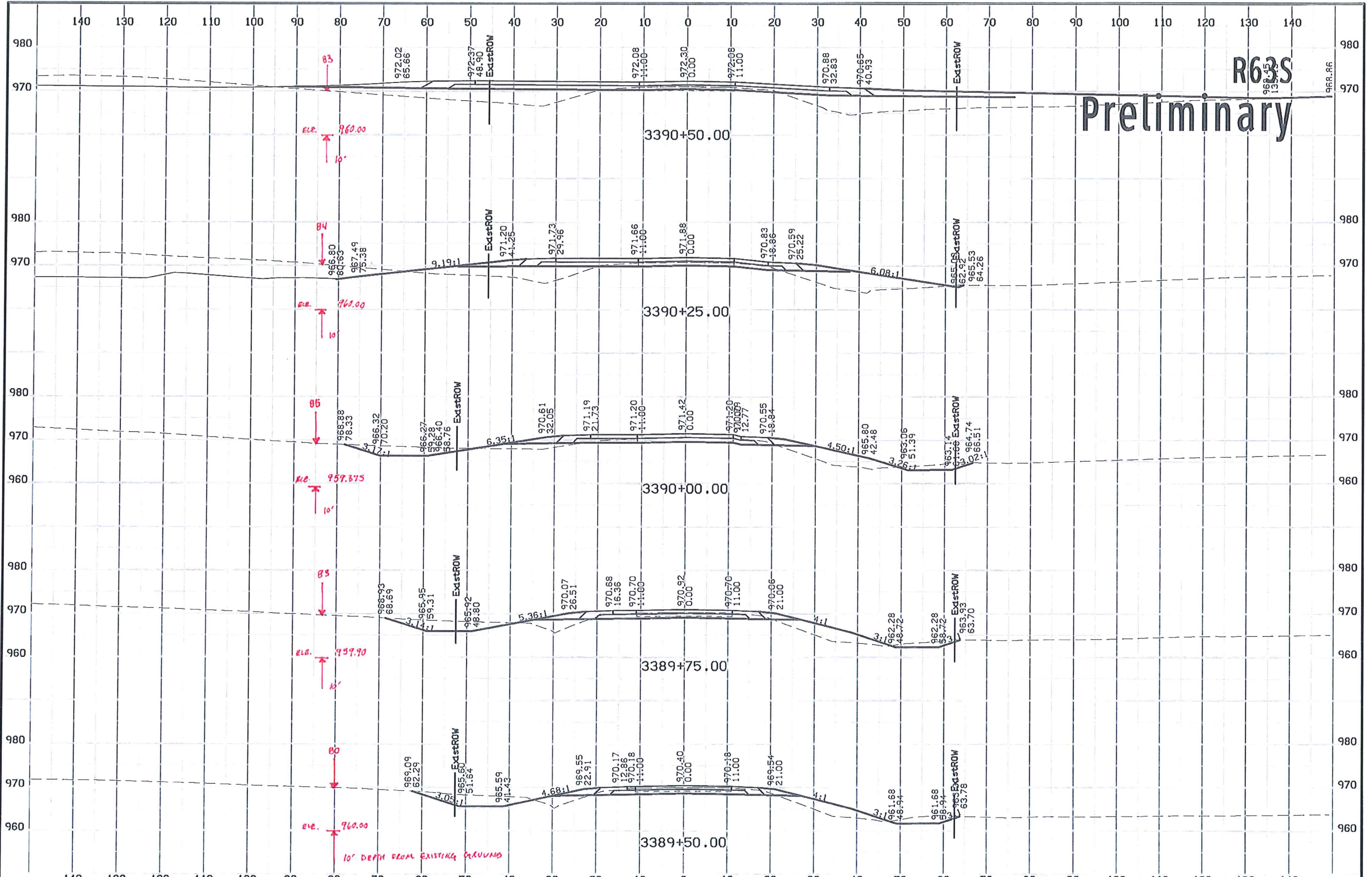


# R63S Preliminary

(Revised 11/5/2014)



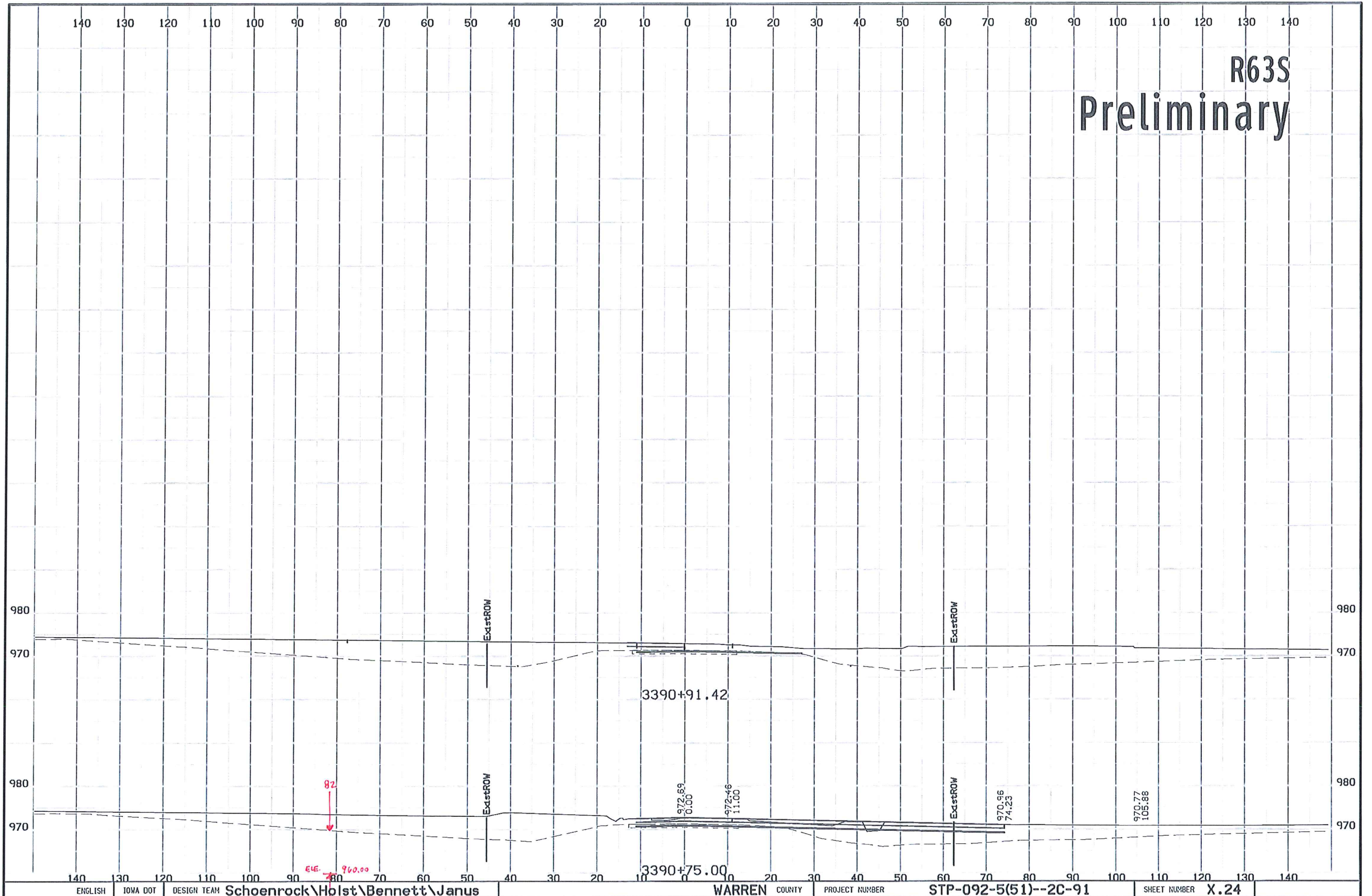




R63S  
 Preliminary



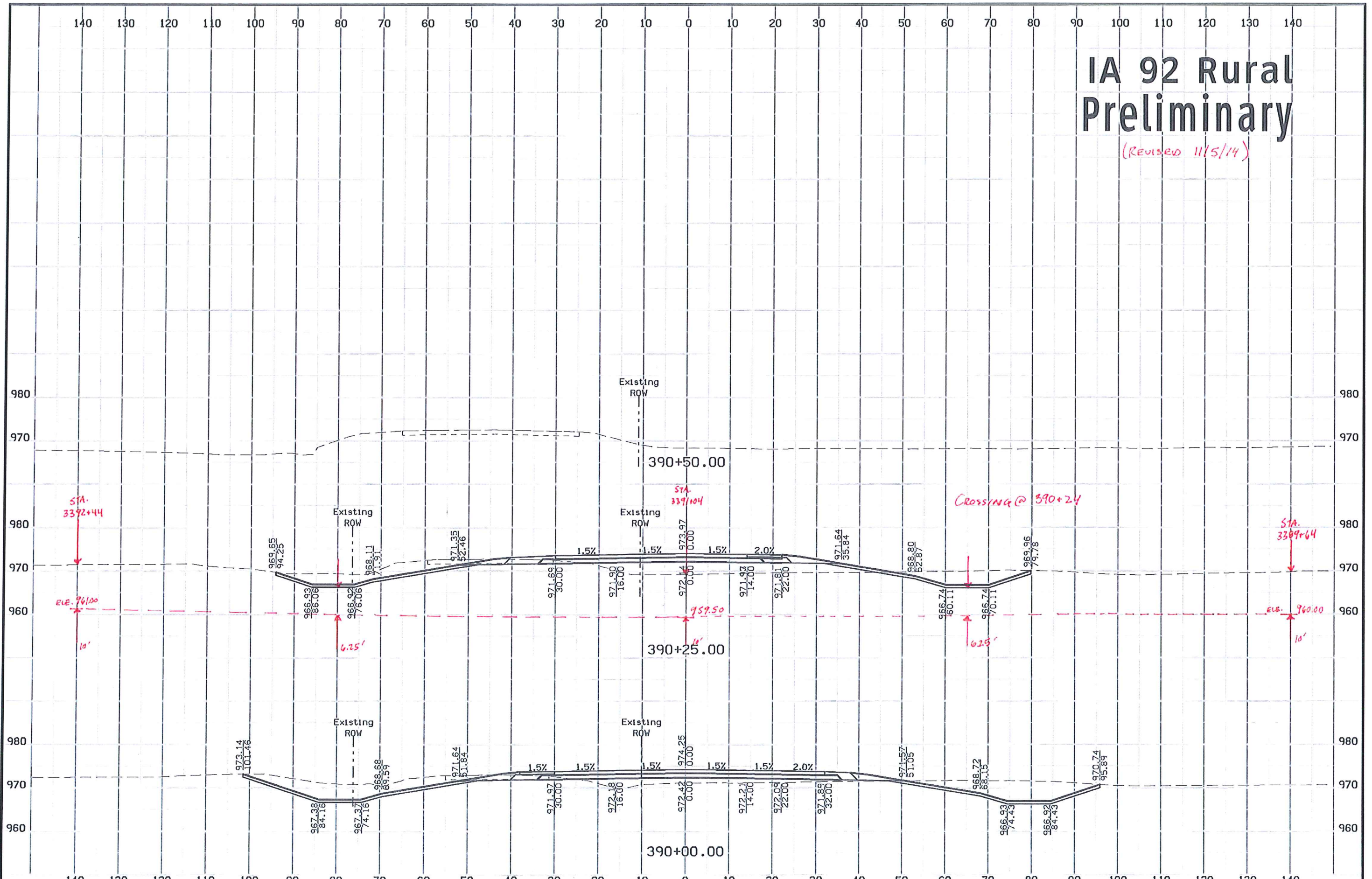
# R63S Preliminary





# IA 92 Rural Preliminary

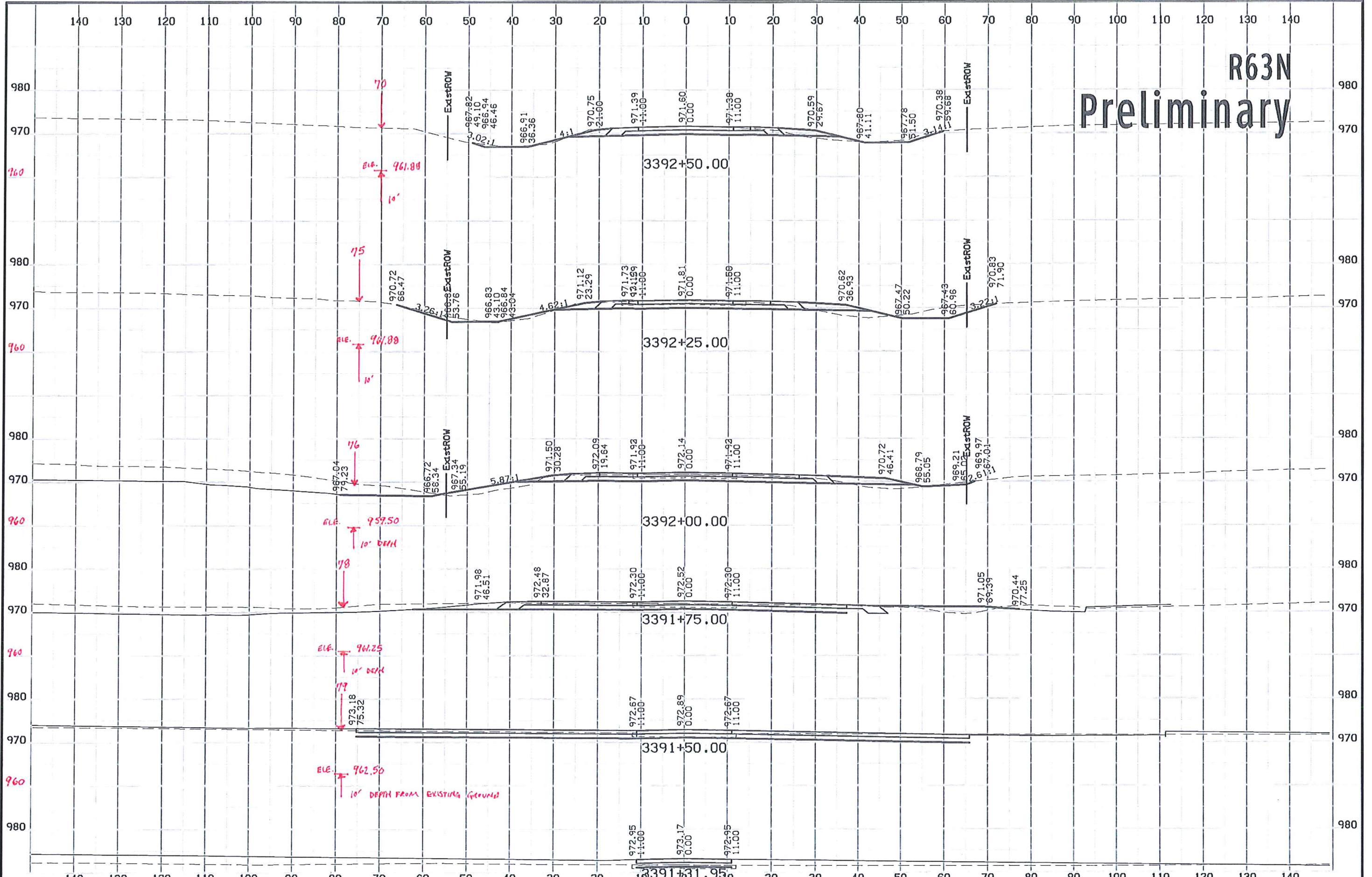
(REvised 11/5/14)





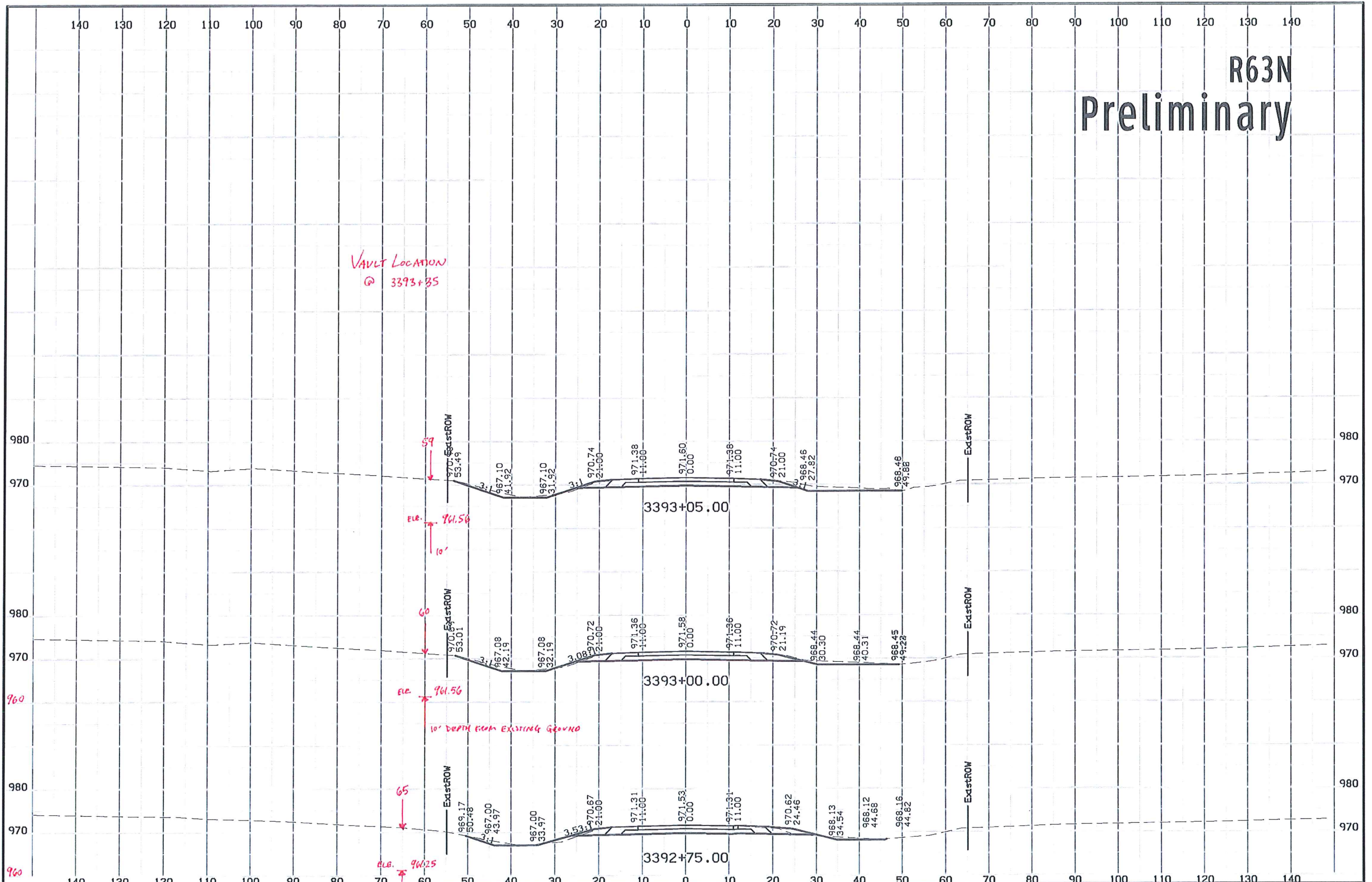
R63N

Preliminary





# R63N Preliminary





**SHOULDER CLOSURE  
(ONE LANE)**

APPROVED BY DESIGN METHODS ENGINEER  
*Jessica M. Smith*

REVISIONS: Modified code note 2.

<b>STANDARD ROAD PLAN</b>	<b>TC-202</b>
<b>Iowa Department of Transportation</b>	SHEET 1 of 1
<small>REVISION</small>	<small>04-16-13</small>
<small>6</small>	<small>6</small>

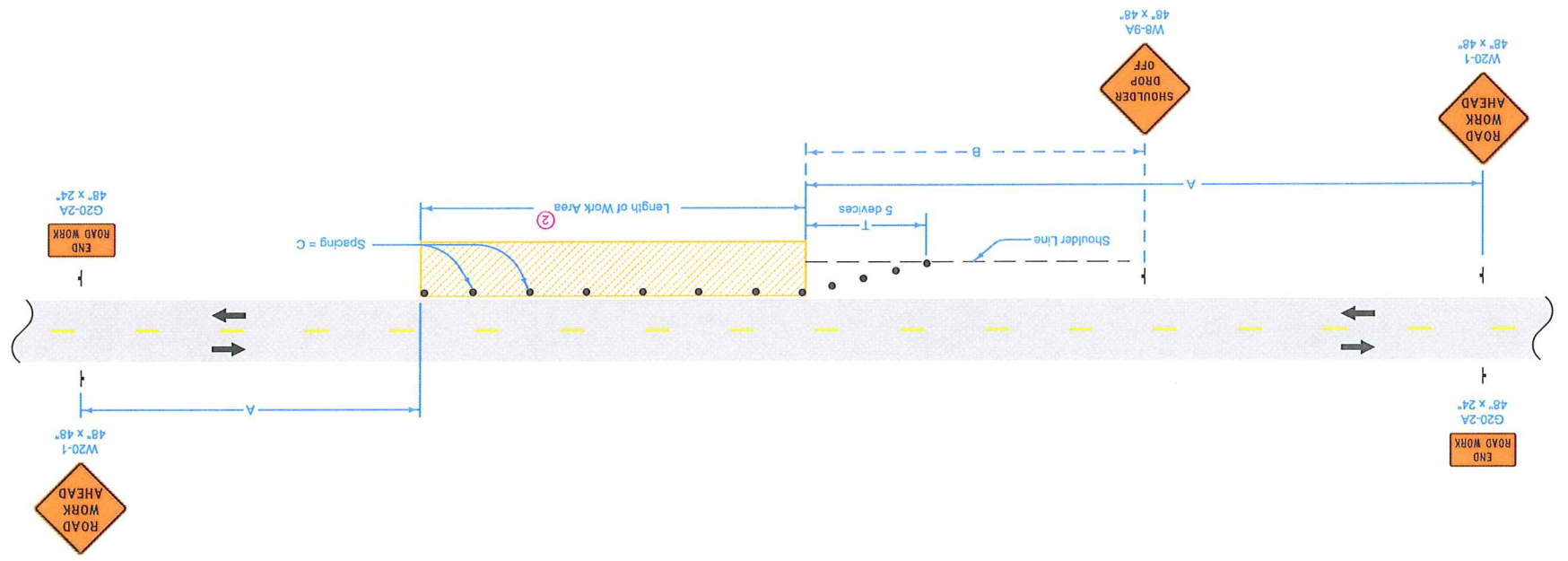
Possible Contract Item:  
Traffic Control

- When a pavement edge drop-off exists, install a SHOULDER DROP-OFF sign.
- No pavement edge drop-offs greater than pavement depth will be allowed during non-working hours.
- Shoulder edge drop-offs shall be mitigated according to Article 1107.08.L2 of the Standard Specifications.
- ① When the length of a pavement edge drop-off is 1000 feet or less, the temporary fill requirement of Article 1107.08 of the Standard Specifications does not apply.
- Space devices at 40 feet.
- ② For work areas less than 200 feet long, use channelizers spaced at 20 foot centers or use a vehicle with an amber revolving light or amber strobe light.

SPEED LIMIT (mph)	A	B	C	T
35 or less	500'	250'	40'	100'
40 - 45	700'	350'	80'	200'
50 or greater	1000'	500'	100'	200'

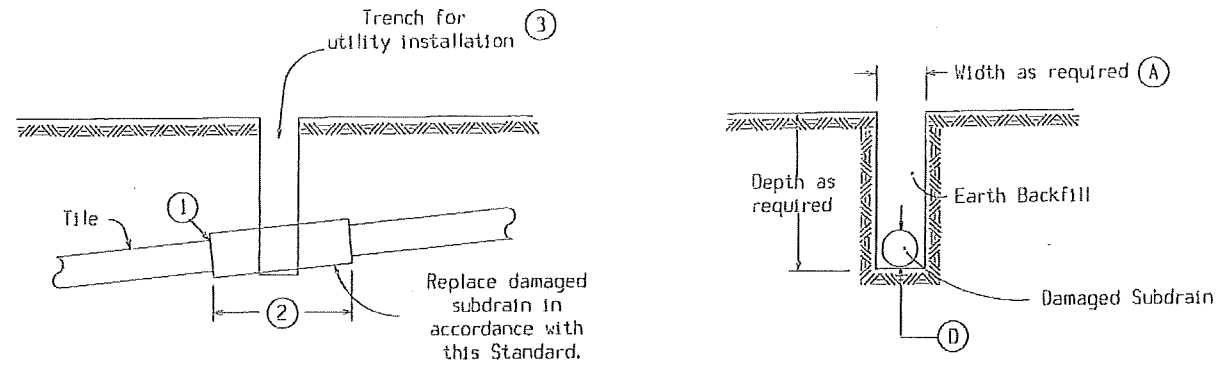
**LEGEND**

- Traffic Sign
- 42" Channelizer
- Work Area
- Direction of Traffic





## Tile Line Repair Guideline



**Note:**  
 Replacement of drainage tile shall be accomplished so as to cause the minimum of disturbance to existing field tile. The repaired drainage tile shall be left in a functional condition with special emphasis placed on maintaining existing flow line elevations.

(A) = A minimum of 24" shall be excavated outside the normal utility trench wall or such greater width as may be required to expose a minimum of 12" of undamaged drain tile.

REPLACEMENT SCHEDULE - CASE 'A'										
Existing Tile (D)	4	6	8	10	12	15	18	21	24	>24
Proposed Subdrain Size										
Concrete Pipe	-	-	12	15	15	18	21	24	30	D+6"
Coated C.M.P.	10	12	15	18	21	24	30	36	36	*

\* Replacement sizes provide equivalent capacity based on 6" settlement assuming a 0.20% slope with  $n = 0.013$  for concrete pipe and  $n = 0.025$  for corrugated pipe (Manning Formula)

**NOTES:**

Tile lines disturbed within the right-of-way (outside the Roadway Embankment Area \* ) limits shall be repaired as follows:

May be repaired with schedule 40 PVC pipe of compatible size or in accordance with the replacement schedule-case 'A' as listed above. Replacement with schedule 40 PVC pipe shall require using a connecting device of a Femco plain and plain flexible pipe coupling or equal.

Tile lines disturbed within the "Roadway Embankment Area" shall be replaced in accordance with the replacement schedule - case 'A' stated above and as follows:

① Concrete collar to be placed around joint where existing tile line and corrugated aluminized metal pipe connect.

② Minimum length of corrugated metal pipe shall be 4 feet. Minimum length of 2 feet on each side of the tile line break location.

③ Trench shall be backfilled with 8 inches loose material, compacted to 6 inches with a minimum of 95% compaction of natural density.

A. Backfill and compact area around drain tile to be completed by hand until new tile is completely covered. Remainder of the trench shall be backfilled by acceptable methods.

B. Area shall require inspection by the Iowa Department of Transportation inspectors or their designated personnel prior to backfilling of trench.

\* "Roadway Embankment Area" is defined as the area lying between the foreslopes of a two-lane roadway and from near foreslope to far foreslope of a four lane roadway.