

# CITY OF MARSHALL

## CONSTRUCTION PLANS FOR CITY PROJECT NUMBER SWM-007

# INDEPENDENCE PARK STORMWATER IMPROVEMENTS

GRADING, CONCRETE SIDEWALK, AND STORM SEWER

SEPTEMBER, 2021

**RESOURCE LIST**

**CITY OF MARSHALL**  
CITY HALL  
344 W MAIN ST  
MARSHALL, MN 56258  
507-537-6760

**CITY ADMINISTRATOR:**  
SHARON HANSON

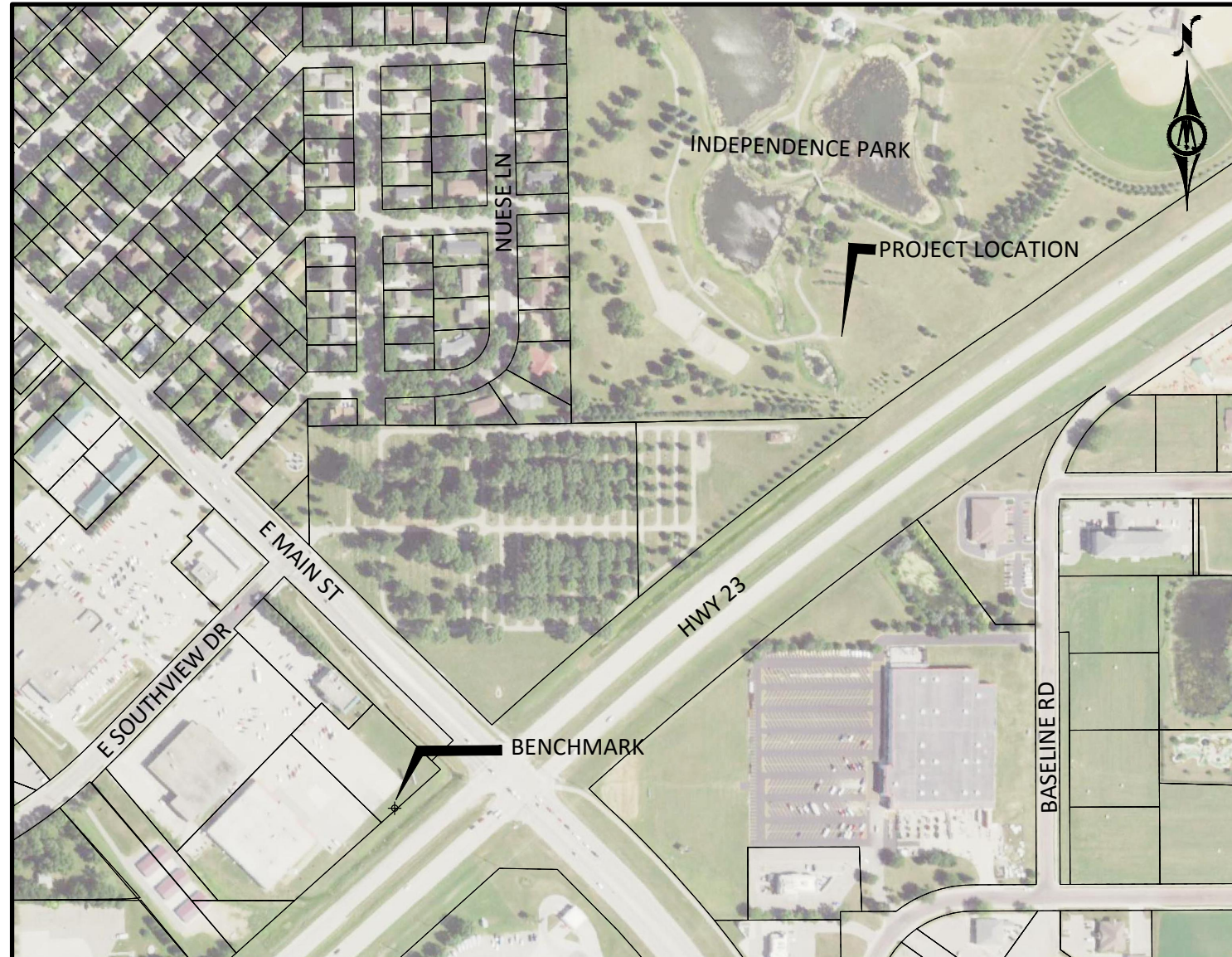
**MAYOR:** ROBERT BYRNES

**CITY COUNCIL MEMBERS:**  
DON EDBLOM  
JOHN DECRAMER  
RUSS LABAT  
STEVE MEISTER  
HAMES LOZINSKI  
CRAIG SCHAFER

**CITY ENGINEER:**  
JASON ANDERSON  
507-537-6051

**ASSISTANT CITY ENGINEER:**  
JESSIE DEHN  
507-537-6774

**UTILITY SUPERINTENDENT:**  
DEAN COUDRON  
507-537-6778



SHEET NUMBER	SHEET TITLE
1	TITLE SHEET
2	GENERAL NOTES & STATEMENT OF ESTIMATED QUANTITIES
3	EXISTING CONDITIONS & REMOVALS PLAN
4-5	CONSTRUCTION DETAILS
6-8	STORMWATER POLLUTION PREVENTION PLAN
9	EROSION CONTROL & TURF ESTABLISHMENT PLAN
10	GRADING PLAN
11	TRAIL PLAN & PROFILE

THIS PLAN SET CONTAINS 11 SHEETS.

**SPECIFICATION REFERENCE**

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

THE CITY OF MARSHALL STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL, 1-800-252-1166 OR 651-454-0002.

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D UNLESS OTHERWISE NOTED. THIS UTILITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

**MAP LEGEND**

— PROJECT LIMITS



MAP OF THE  
CITY OF MARSHALL  
LYON COUNTY, MN

REVIEWED & APPROVED \_\_\_\_\_ DATE: \_\_\_\_\_  
CITY ENGINEER

⚬ BM=1161.04 ALUMINUM ALLOY ROD MNDOT GSID #104016 N=187822.007 E=519546.486	PROJECT DATUM: LYON COUNTY HORIZONTAL: NAD 83 VERTICAL: NAVD 88	RECORD DRAWING INFORMATION
		OBSERVER: CONTRACTOR: DATE:

<p><b>MARSHALL</b></p>	<p><b>ENGINEERING DEPARTMENT</b> 344 WEST MAIN STREET MARSHALL, MINNESOTA 56258</p>	<p>I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.</p> <p><i>Joshua G. Stier</i>                  JOSHUA G. STIER                  LIC. NO. 54171 DATE 09/09/2021</p>	<p><b>BOLTON &amp; MENK</b></p>	<p>1960 PREMIER DRIVE MANKATO, MINNESOTA 56001 Phone: (507) 625-4171 Email: Mankato@bolton-menk.com www.bolton-menk.com</p>	<table border="1"> <thead> <tr> <th>DESIGNED</th> <th>NO.</th> <th>ISSUED FOR</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>MDS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DRAWN</td> <td>BAN</td> <td></td> <td></td> </tr> <tr> <td>CHECKED</td> <td>JGS</td> <td></td> <td></td> </tr> <tr> <td>CLIENT PROJ. NO.</td> <td colspan="3">0W1.125223</td> </tr> </tbody> </table>	DESIGNED	NO.	ISSUED FOR	DATE	MDS				DRAWN	BAN			CHECKED	JGS			CLIENT PROJ. NO.	0W1.125223			<p>CITY OF MARSHALL, MINNESOTA</p> <p>INDEPENDENCE PARK STORMWATER IMPROVEMENTS</p> <p>TITLE SHEET</p>	SHEET <b>1</b>
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







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**POND**  
 NWL=1143.4  
 HWL=1148.0

NOTE: STILLING BASIN  
 SEE DETAIL SHEET C1.02

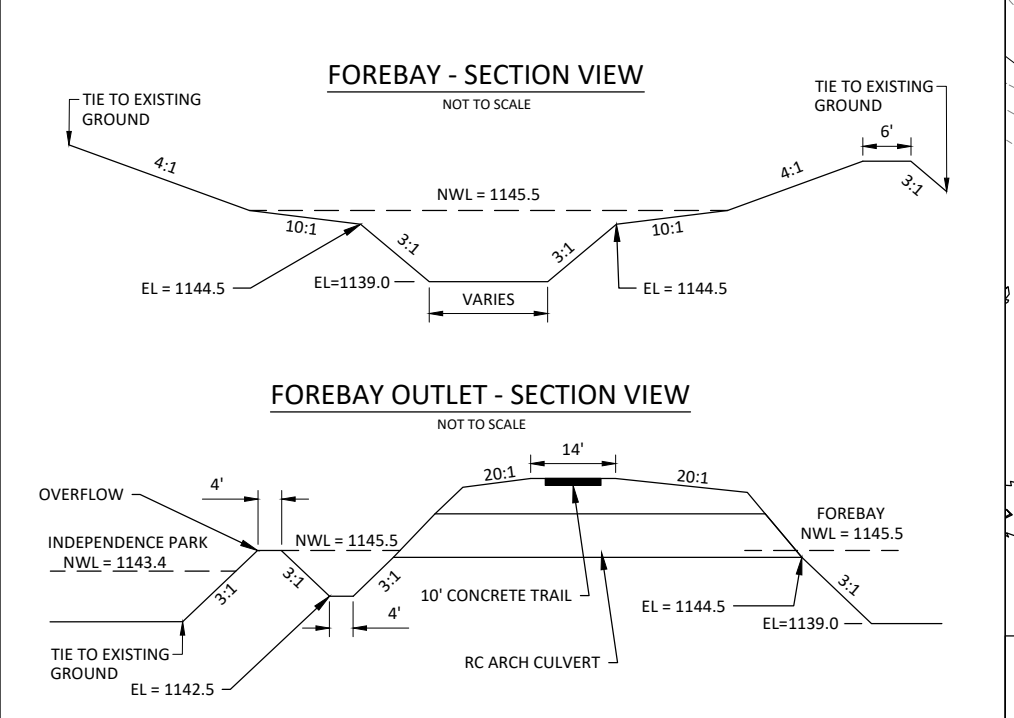
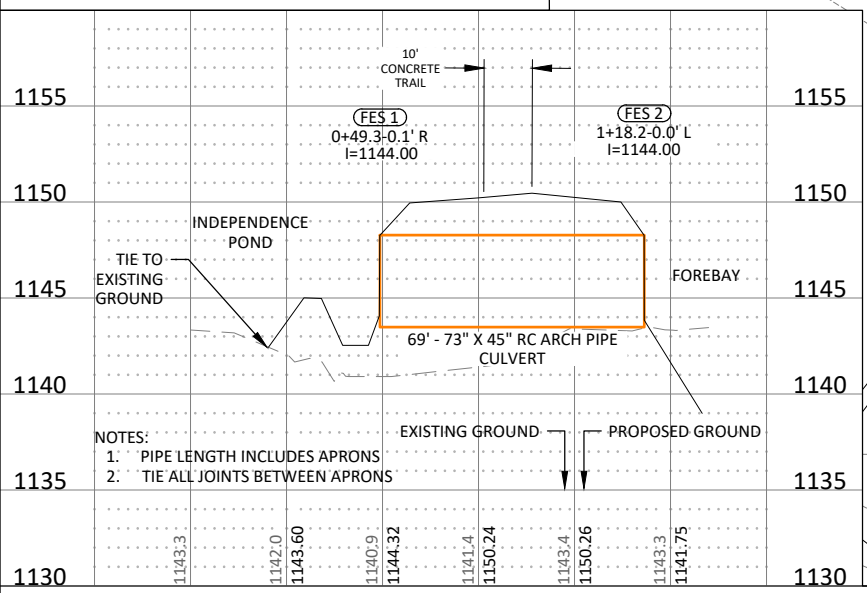
PROTECT TREE (INCIDENTAL)

**LEGEND**

-  RIPRAP
-  PROPOSED TRAIL
-  EXISTING CONTOUR - MAJOR (5')
-  EXISTING CONTOUR - MINOR (1')
-  PROPOSED CONTOUR - MAJOR (5')
-  PROPOSED CONTOUR - MINOR (1')
-  PROPOSED STORM SEWER
-  CONSTRUCTION LIMITS

**GRADING NOTES**

1. THE PROPOSED CONTOURS SHOWN ARE TO FINISH GROUND/TOP OF LANDSCAPE ROCK.
2. ALL SUITABLE TOPSOIL SHALL BE STRIPPED, SALVAGED, AND RESPREAD AT A MINIMUM DEPTH OF 8".
3. CONTRACTOR SHALL MINIMIZE COMPACTION OF TOPSOIL TO THE GREATEST EXTENT PRACTICAL.
4. EARTHWORK VOLUMES SHOWN BELOW ARE CALCULATED FROM EXISTING GROUND TO FINISH GROUND/SUBGRADE:  
  
 CUT = 6975 CU YD  
 FILL = 2320 CU YD  
 NET = 4655 CU YD (CUT)
5. MATCH EXISTING ELEVATIONS AT PROJECT EXTENTS.



- CONNECT TO EXISTING STORM SEWER
- I = 1145.26' (FIELD VERIFY, TIE ALL JOINTS)
- 1 EA - 54" RC APRON
- 4 LIN FT - 54" RCP CL III, DES 3006
- 1 EA - 22.5° 54" RC BEND
- 24 CY - RANDOM RIPRAP, CL III

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







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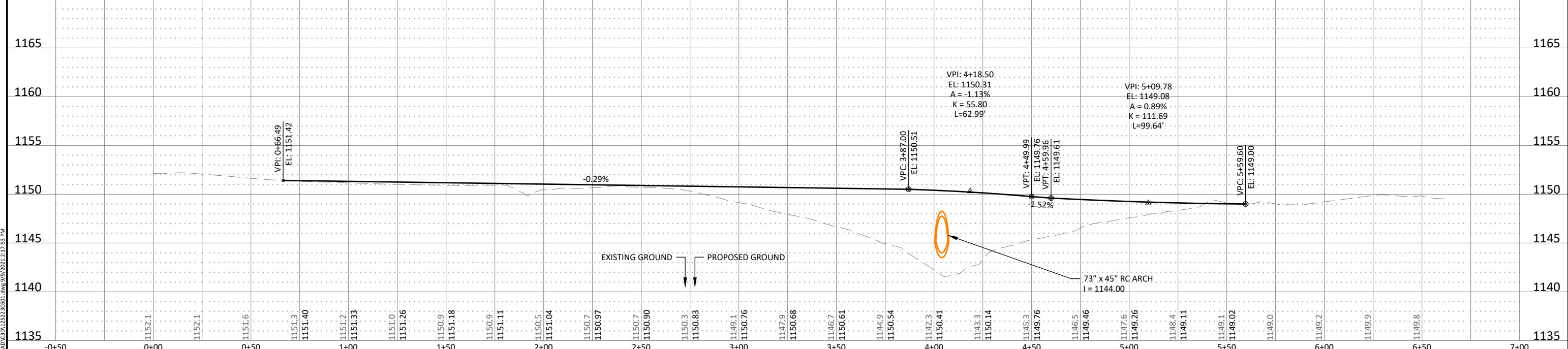
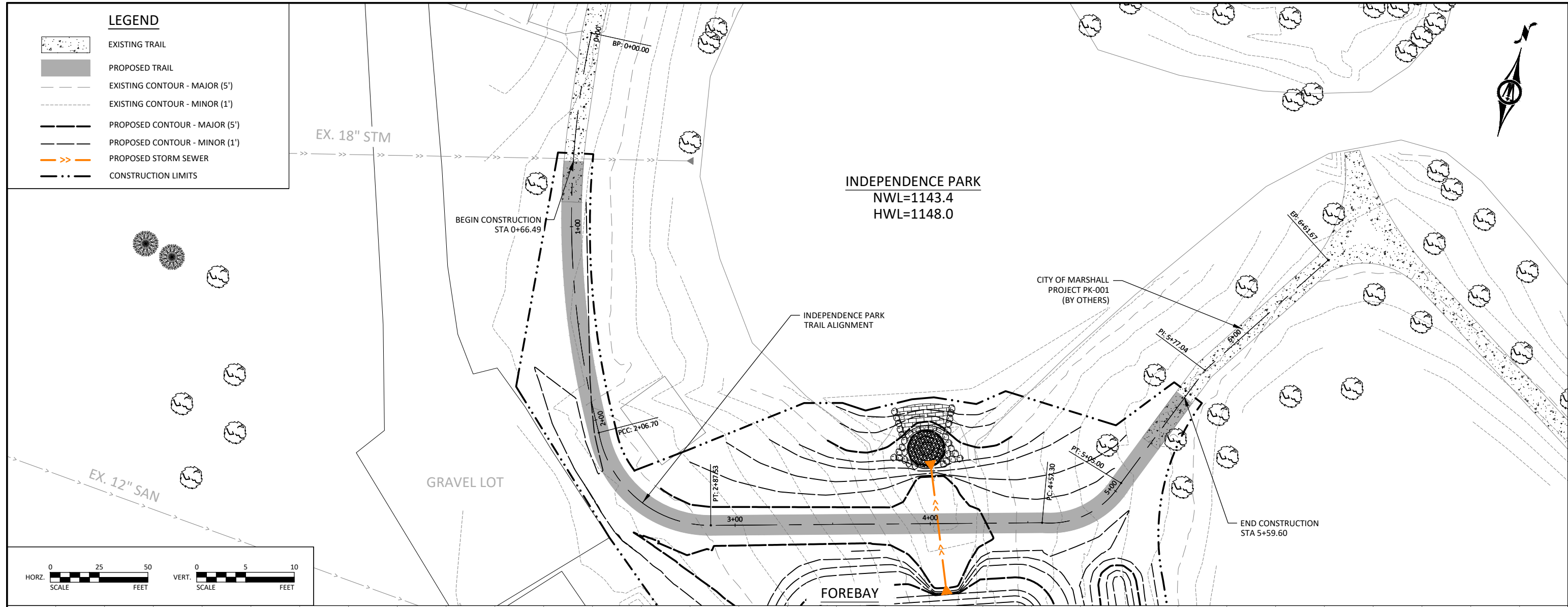
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CITY OF MARSHALL, MINNESOTA  
 INDEPENDENCE PARK STORMWATER IMPROVEMENTS  
 GRADING PLAN  
 SHEET 10

**LEGEND**

-  EXISTING TRAIL
-  PROPOSED TRAIL
-  EXISTING CONTOUR - MAJOR (5')
-  EXISTING CONTOUR - MINOR (1')
-  PROPOSED CONTOUR - MAJOR (5')
-  PROPOSED CONTOUR - MINOR (1')
-  PROPOSED STORM SEWER
-  CONSTRUCTION LIMITS



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CITY OF MARSHALL, MINNESOTA  
 INDEPENDENCE PARK STORMWATER IMPROVEMENTS  
 TRAIL PLAN AND PROFILE  
 SHEET  
**11**