

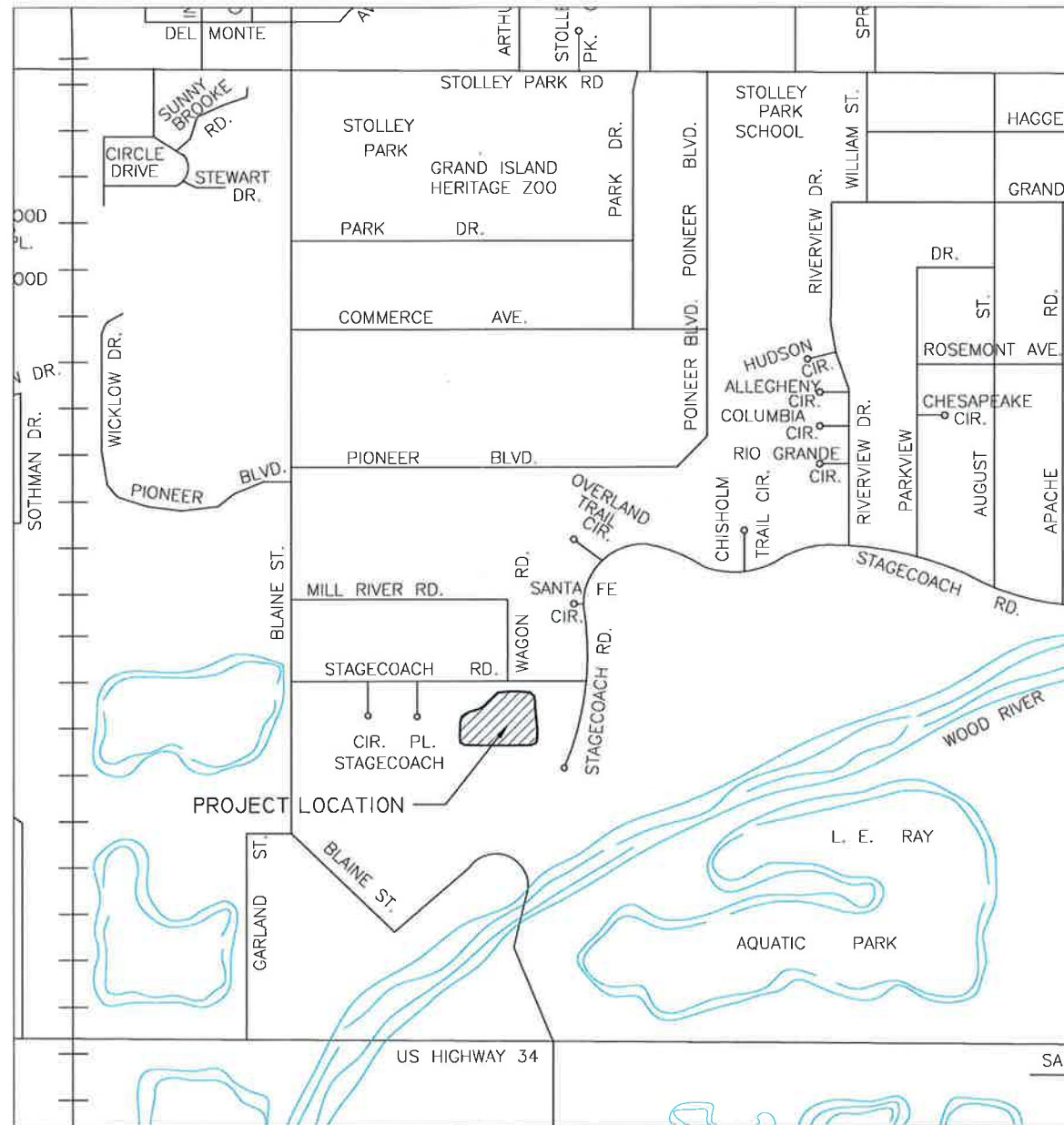
CITY OF  
**GRAND ISLAND**  
PUBLIC WORKS DEPARTMENT

# STAGECOACH DETENTION CELL IMPROVEMENTS 2013-D-1

**GENERAL NOTES**

1. THE LOCATION OF ALL UTILITIES SHOWN ON THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.
2. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF GRAND ISLAND UTILITY DEPARTMENT ANY WORK IN CONFLICT WITH EXISTING OVERHEAD OR UNDERGROUND ELECTRIC LINES.
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF GRAND ISLAND STANDARD PLANS, SPECIFICATIONS, AND SPECIAL PROVISIONS.
4. CONTRACTOR SHALL PRESERVE ALL PROPERTY CORNER MONUMENTS OR RE-ESTABLISH THEM IF THEY ARE DISTURBED DURING CONSTRUCTION.
5. CONTRACTOR SHALL OBTAIN AND PAY THE COST OF ALL REQUIRED PERMITS AND FEES.
6. THE CONTRACTOR SHALL USE EXTREME CAUTION IN THE AREA OF EXISTING MANHOLES, POWER POLES, AND ALL OTHER EXISTING UTILITIES, AND SHALL BE RESPONSIBLE FOR DAMAGES.
7. AT THE COMPLETION OF WORK AND BEFORE FINAL ACCEPTANCE, CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING REQUESTING A FINAL WALK-THROUGH OF THE PROJECT.
8. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL MEASURES DURING ALL PHASES OF CONSTRUCTION AND SHALL SUBMIT TO THE PUBLIC WORKS AN EROSION CONTROL PLAN PRIOR TO ANY CONSTRUCTION.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL COSTS AND COORDINATION. TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE CITY OF GRAND ISLAND STANDARDS.
10. CONTRACTOR SHALL REPAIR ALL SPRINKLER SYSTEMS DAMAGED DURING CONSTRUCTION.
11. SAWCUTTING OF PAVEMENT IS SUBSIDIARY TO THE REMOVAL OF EXISTING PAVEMENT AND PLACEMENT OF NEW CONCRETE. CONCRETE PAVEMENT SHALL BE REMOVED AT EXISTING JOINTS IF POSSIBLE. CLEAN JOINTS SHALL BE PROVIDED PRIOR TO REPLACEMENT OF PAVEMENT. CONTRACTOR RESPONSIBLE FOR DISPOSAL/REMOVAL OF ALL REMOVED ITEMS.
12. PAVEMENT SUBGRADE SHALL BE COMPACTED AND PREPARED ACCORDING TO GRAND ISLAND STANDARD SPECIFICATIONS.
13. STRIP AND STOCKPILE TOP 1" OF TOPSOIL AND RE-SPREAD AFTER CONSTRUCTION.
14. CONTRACTOR TO PROVIDE ALL INCIDENTAL FITTINGS NECESSARY TO COMPLETE WORK.
15. CONCRETE SHALL BE 47-8 MODIFIED PER G.I. CITY SPECIFICATIONS.
16. SEEDING SHALL BE NDOR TYPE "B" MIX.

LOCATION MAP



QUANTITY ESTIMATE		
ITEM	UNIT	QTY
8" - 6' P.C. CONCRETE LOW FLOW LINER	SF	2296
EARTHWORK*	LS	1
SEEDING - UNIMPROVED AREAS	AC	1.89
*ESTIMATED EARTHWORK QUANTITY	CY	3600

NO FILL FACTOR INCLUDED IN THIS ESTIMATE

- SHEET 1 - COVER SHEET  
SHEET 2 - LOW FLOW LINER - PLAN & PROFILE  
SHEET 3 - DETENTION CELL GRADING PLAN

LEGEND			
	TRAVERSE OR CONTROL POINT (AS NOTED)		LIGHT POLE
	BENCH MARK		BARBED WIRE FENCE
	PROPERTY CORNER (AS NOTED)		WOODEN FENCE
	SOIL BORE LOCATION		CHAINLINK FENCE
	EXISTING FIRE HYDRANT		RIGHT-OF-WAY/PROPERTY LINE
	EXISTING MANHOLE		SECTION LINE
	POWER POLE		EASEMENT LINE
	GUY ANCHOR		SECTION CORNER
			QUARTER-SECTION CORNER
	MAJOR CONTOUR LINE		U.G. TV LINE
	MINOR CONTOUR LINE		U.G. GAS LINE
	WATER SHUT-OFF		U.G. ELECTRICAL LINE
	EXISTING VALVE		OVERHEAD ELECTRICAL LINE
	FIRE HYDRANT TO BE INSTALLED		STORM SEWER LINE
	VALVE TO BE INSTALLED		CONTRACTION JOINT
	WATER MAIN TO BE INSTALLED		SILT FENCE
	U.G. FIBER OPTIC LINE		
	U.G. TELEPHONE LINE		

APPROVALS:

APPROVED	6/7/13
ENGINEER	DATE
APPROVED	6/10/13
PUBLIC WORKS DIRECTOR	DATE

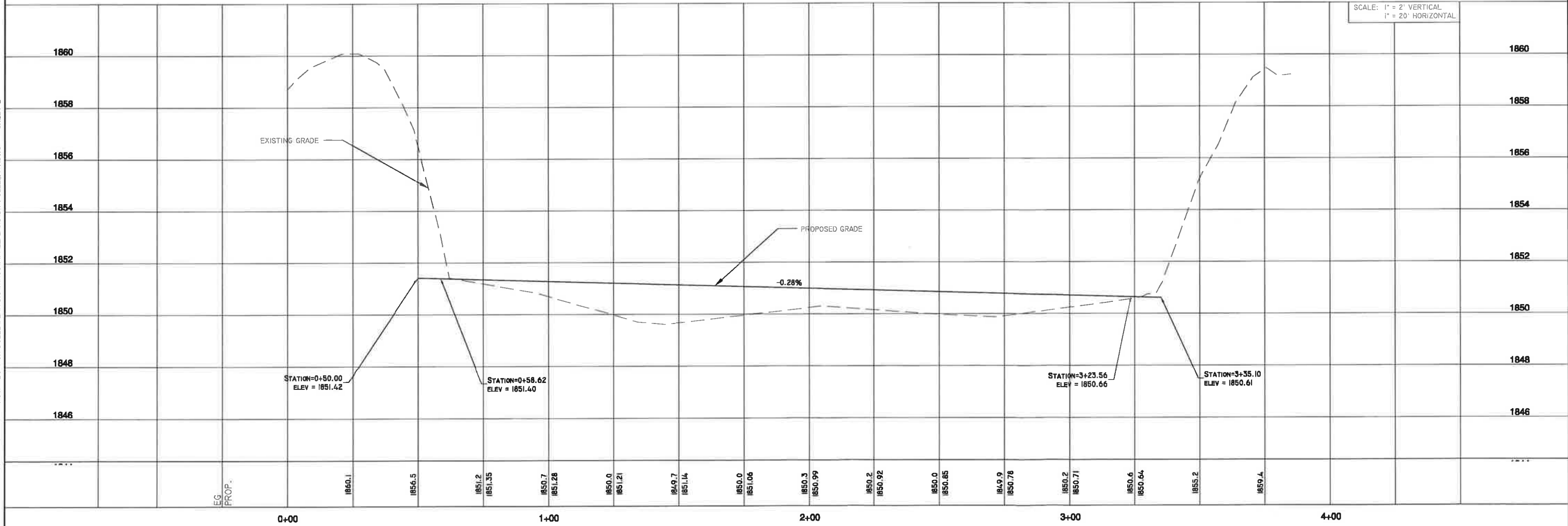
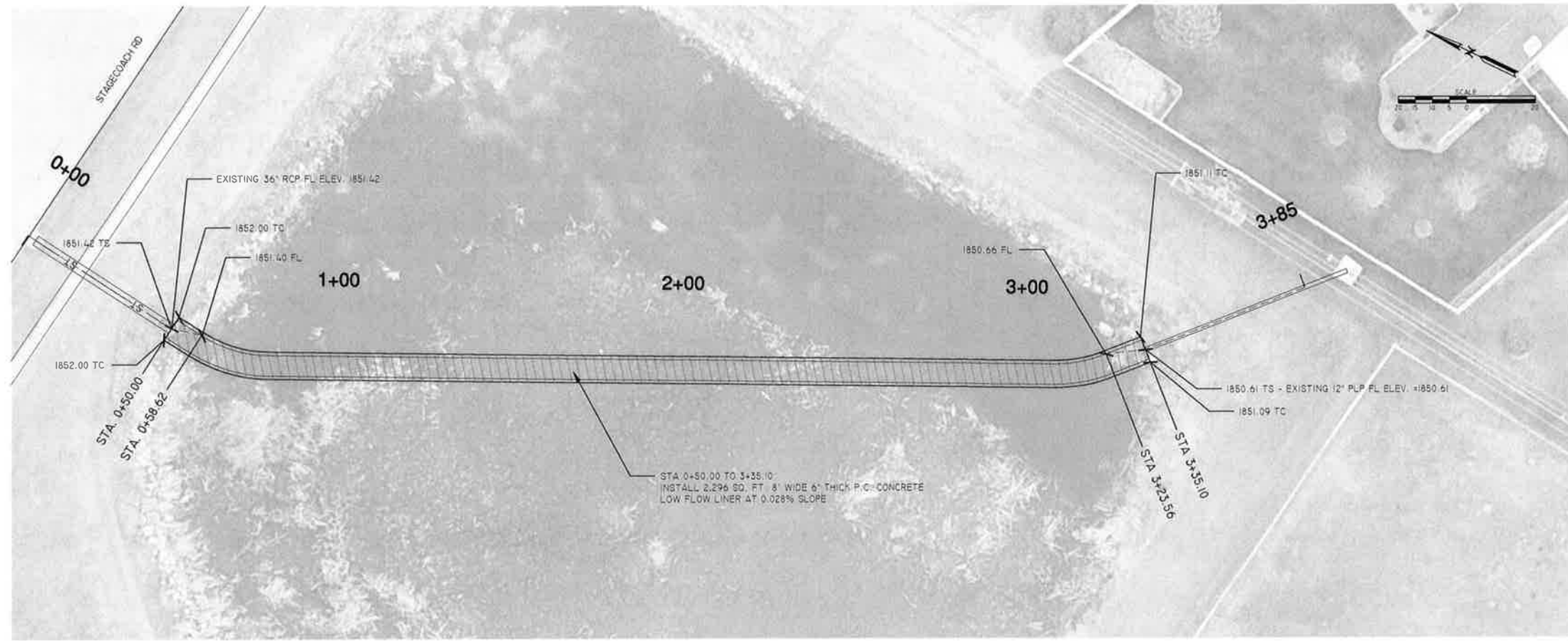
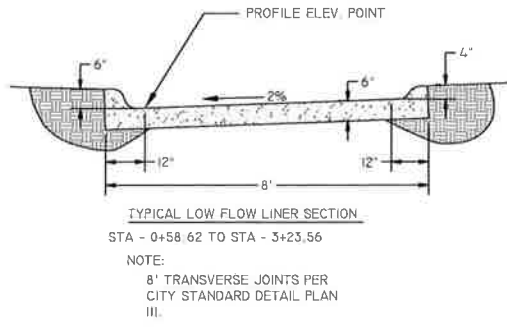
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REVISIONS	DATE	BY	DESCRIPTION
	03/29/2013	TJY	
	04/10/2013	TAB	
	06/07/13	KJK	
	06/07/13	KJK	

COVER SHEET  
STAGECOACH RD DETENTION CELL IMPROVEMENTS - 2013-D-1  
GRAND ISLAND, NEBRASKA

DRAWING NO.:  
SW-1 CELL\_PAV.DWG

DWG: J:\DRAINAGE\PROJECTS\2013-D-1 STAGECOACH DCELL\PLAN DRAWINGS\FINAL\_PLANS\SW-1 CELL\_PAV.DWG - SHEET 2



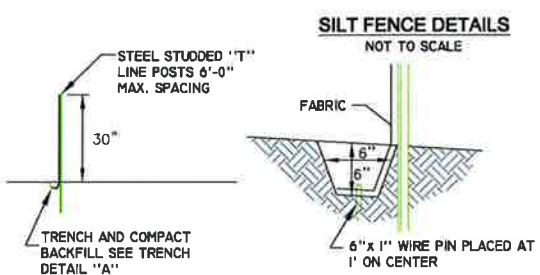
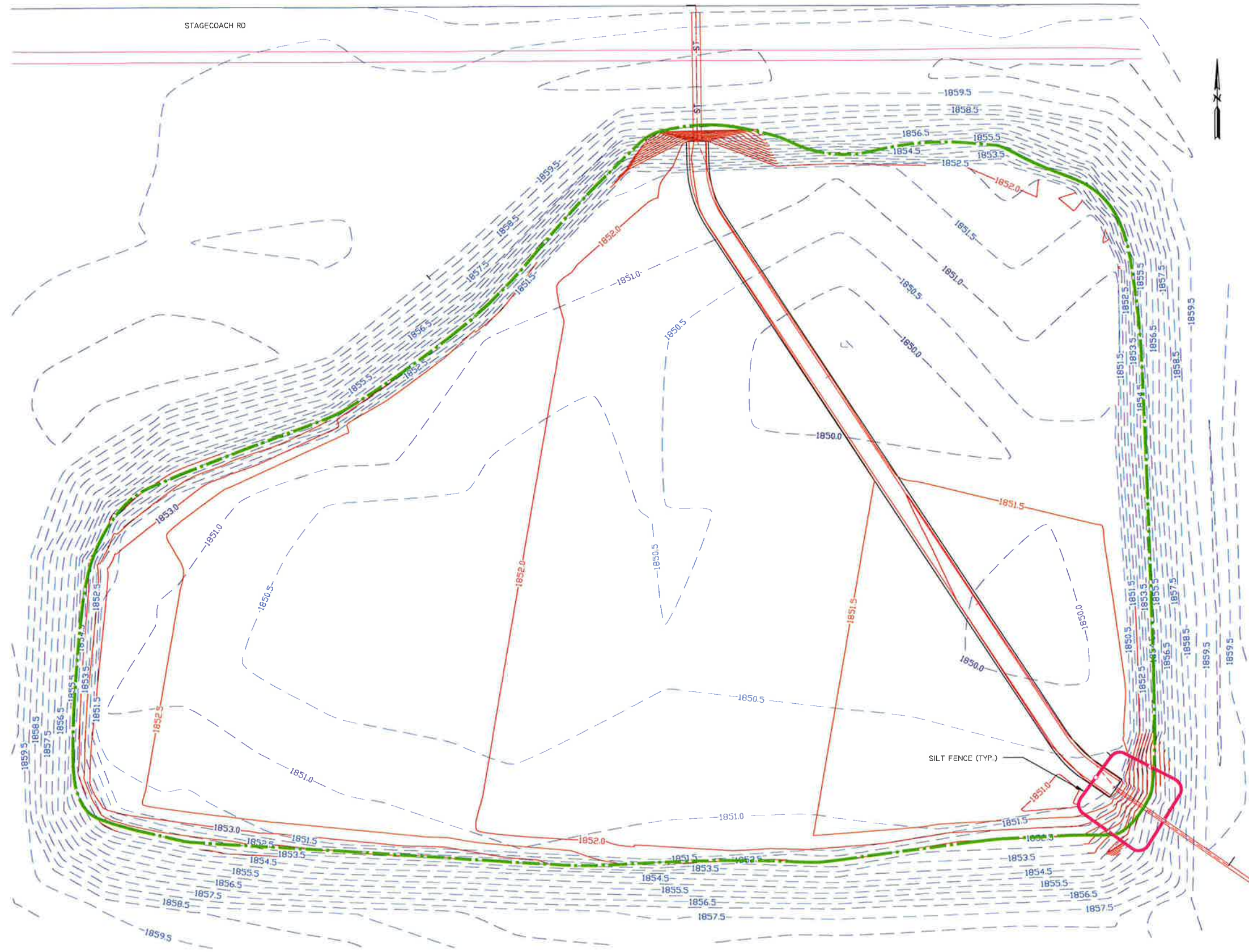
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DATE	BY	REVISIONS DESCRIPTION
03/29/2013	TJY	SURV. BY:
04/10/2013	TJY	DR. BY:
06/07/13	TAB	CHK. BY:
06/07/13	RJK	APPR. BY:
06/07/13		DATE:

LOW FLOW LINER - PLAN & PROFILE  
 STAGECOACH RD DETENTION CELL IMPROVEMENTS - 2013-D-1  
 GRAND ISLAND, NEBRASKA

**NOTES:**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION & SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT. ANY AND ALL FINES ASSOCIATED WITH THE EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
2. ALL HERBACEOUS VEGETATION SHALL BE REMOVED FROM WITHIN THE LIMITS OF THE GRADING AND REDISTRIBUTED WITH THE TOPSOIL. IF POSSIBLE, LEAVE VEGETATION BUFFER TO NEIGHBORING PROPERTIES AND SENSITIVE AREAS.
3. THE CONTRACTOR SHALL USE CAUTION AROUND ANY EXISTING UTILITIES LOCATED ON SITE, AND SHALL BE RESPONSIBLE FOR THE REPAIR OF SUCH STRUCTURES WHEN BROKEN OR OTHERWISE DAMAGED BY THE NEW CONSTRUCTION.
4. THE LOCATION OF ALL AERIAL AND UNDERGROUND UTILITY FACILITIES MAY NOT BE INDICATED ON THESE PLANS. UNDERGROUND UTILITIES, WHETHER INDICATED OR NOT WILL BE LOCATED AND FLAGGED BY THE UTILITIES AT THE REQUEST OF THE SUBCONTRACTOR. NO EXCAVATION WILL BE PERMITTED IN THE AREA OF UNDERGROUND UTILITY FACILITIES UNTIL ALL SUCH FACILITIES HAVE BEEN LOCATED AND IDENTIFIED TO THE SATISFACTION OF ALL PARTIES. THE EXCAVATION MUST BE ACCOMPLISHED WITH EXTREME CARE IN ORDER TO AVOID ANY POSSIBILITY OF DAMAGE TO THE UTILITY FACILITY. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES.
5. BEFORE EXCAVATING FOR THIS CONTRACT, THE SUBCONTRACTOR SHALL FIELD VERIFY LOCATION OF UNDERGROUND UTILITIES. SUBCONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS AND LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
6. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE SEDIMENT CONTROL STRUCTURES UNTIL FINAL SITE STABILIZATION IS ACHIEVED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVING AND REPLACING ANY EXISTING SILT FENCE AS REQUIRED BY CONSTRUCTION ACTIVITIES.
9. THE CONTRACTOR SHALL INSTALL GRAVEL CHECK DAMS OR SEDIMENT BARRIERS IN ANY GULLY WASHOUT AREAS TO CONTROL FURTHER EROSION AS DIRECTED PER THE ENGINEER.
10. FOLLOWING SOIL DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN FOURTEEN (14) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER CONTROLS, TOPSOIL STOCKPILES, AND ANY OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE WHICH ARE NOT BEING USED FOR MATERIAL STORAGE, OR ON WHICH ACTUAL EARTH MOVING ACTIVITIES ARE NOT BEING PERFORMED.
11. ALL SEDIMENT AND EROSION CONTROL PRACTICES WILL BE INSPECTED AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND AFTER ANY STORM EVENT EQUAL TO OR GREATER THAN 0.5 INCHES OF PRECIPITATION DURING ANY 24-HOUR PERIOD BY RESPONSIBLE PERSONNEL. ANY NECESSARY REPAIRS OR CLEAN UP TO MAINTAIN THE EFFECTIVENESS OF THE BEST MANAGEMENT PRACTICES SHALL BE MADE IMMEDIATELY.
12. ALL AREAS NOT BUILT UPON SHALL BE SEEDING IN ACCORDANCE WITH SPECIFICATION.
13. CONTRACTOR TO CLEAN STREETS IF MUD IS TRACKED FROM JOBSITE & UPON COMPLETION IF NEEDED.
14. CONTRACTOR TO SPECIFY A LOCATION FOR CONCRETE TRUCK WASHOUT AND REMEDIATE AREA WHEN PROJECT IS COMPLETE.



- SILT FENCE NOTES**
1. SILT FENCE MAY ALSO BE INSTALLED WITH A SILT FENCE PLOW. NO PINNING IS REQUIRED WHEN THE SILT FENCE PLOW IS USED.
  2. FOR EACH STEEL STUDED "T" LINE POST, 3 PLASTIC CABLE TIES ARE REQUIRED.
  3. SILT FENCE SHALL BE ON NDOR APPROVED PRODUCTS LIST FOR HIGH POROSITY.



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REVISIONS	DATE	BY	DESCRIPTION

DETENTION CELL GRADING PLAN  
 STAGECOACH RD DETENTION CELL IMPROVEMENTS - 2013-D-1  
 GRAND ISLAND, NEBRASKA

DRAWING NO.: SW-1 CELL\_PAV.DWG  
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