

R-1 PRECONSTRUCTION DO NOT REMOVE

\*NH-0089(29)393  
LOGAN CANYON, TONY  
GROVE TO FRANKLIN BASIN ROAD

FED. ROAD DIST. NO.	STATE	PROJECT NO.	SHEET NO.
UTAH	UTAH	*NH-0089(29)393	1

SEE SHEET 1A FOR INDEX

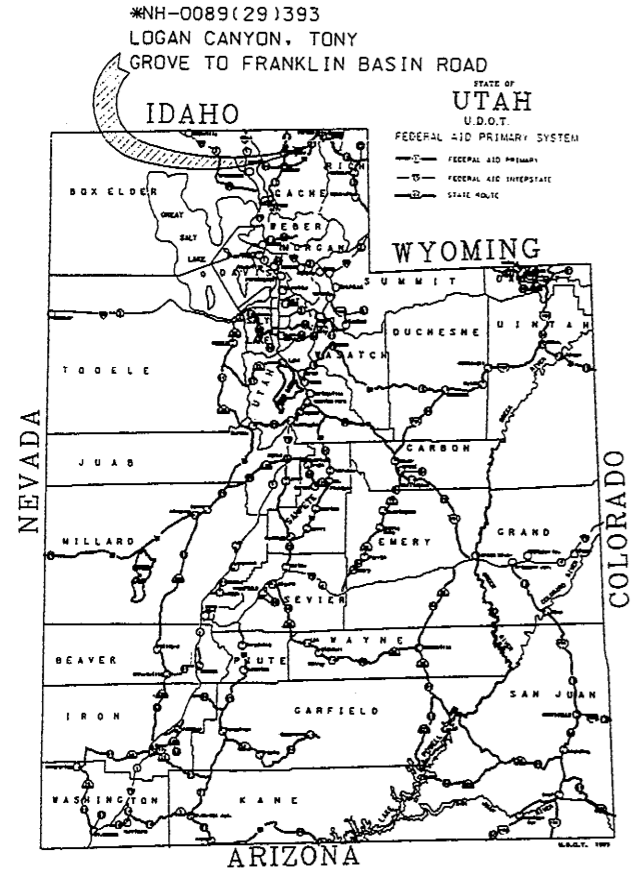
# UTAH DEPARTMENT OF TRANSPORTATION

## METRIC

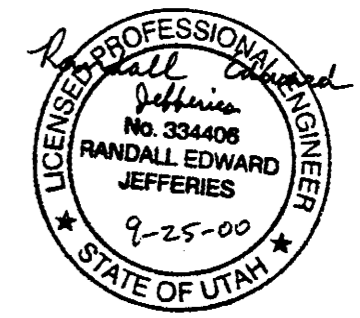
### PLANS OF PROPOSED STATE ROAD FEDERAL AID PROJECT

## \* N . H - 0 0 8 9 ( 2 9 ) 3 9 3

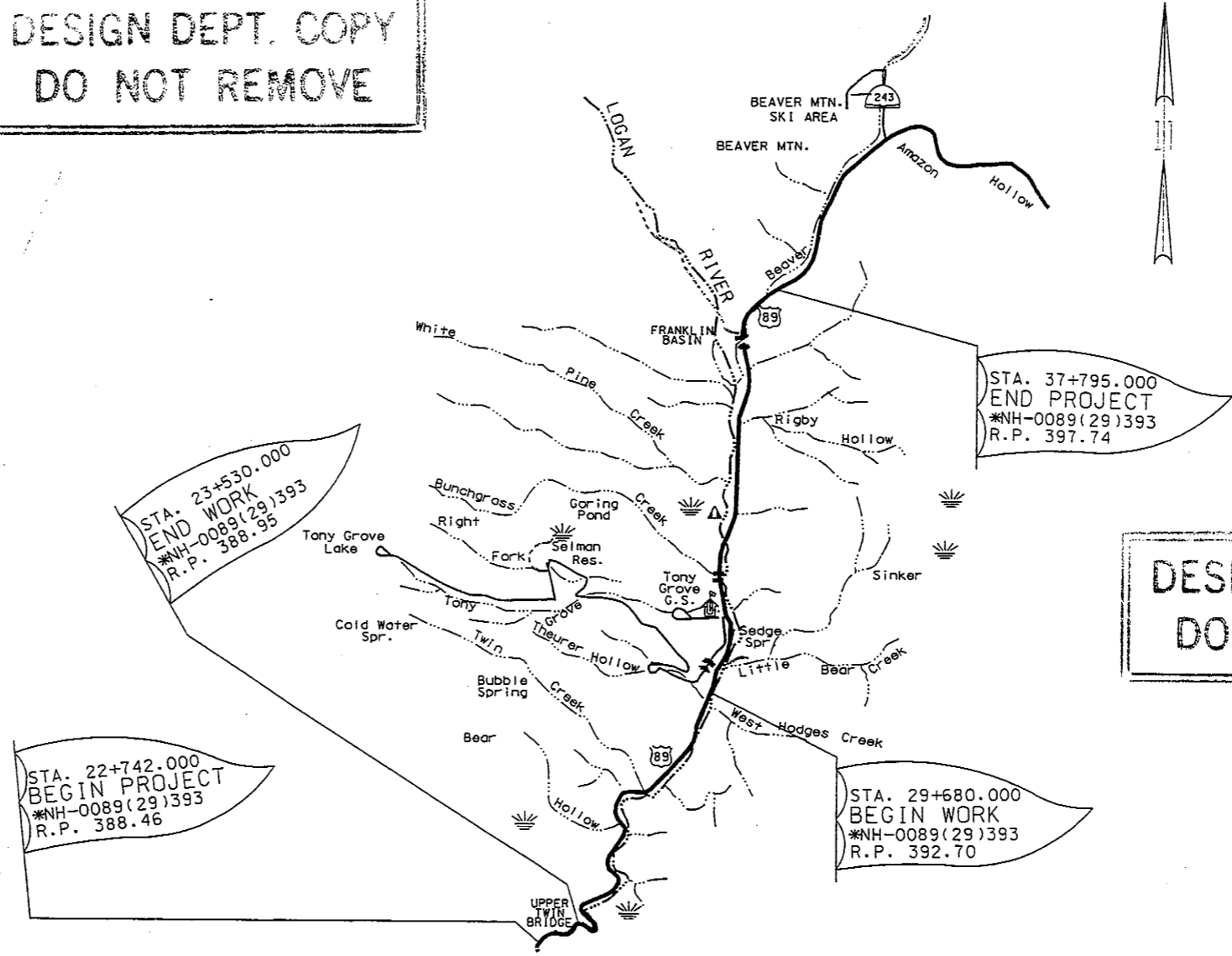
LOGAN CANYON; TONY GROVE TO FRANKLIN BASIN ROAD  
RECONSTRUCT ROAD AND REPLACE UPPER TWIN BRIDGE  
CACHE COUNTY LENGTH 8.903 KILOMETERS



DESIGN DEPT. COPY  
DO NOT REMOVE



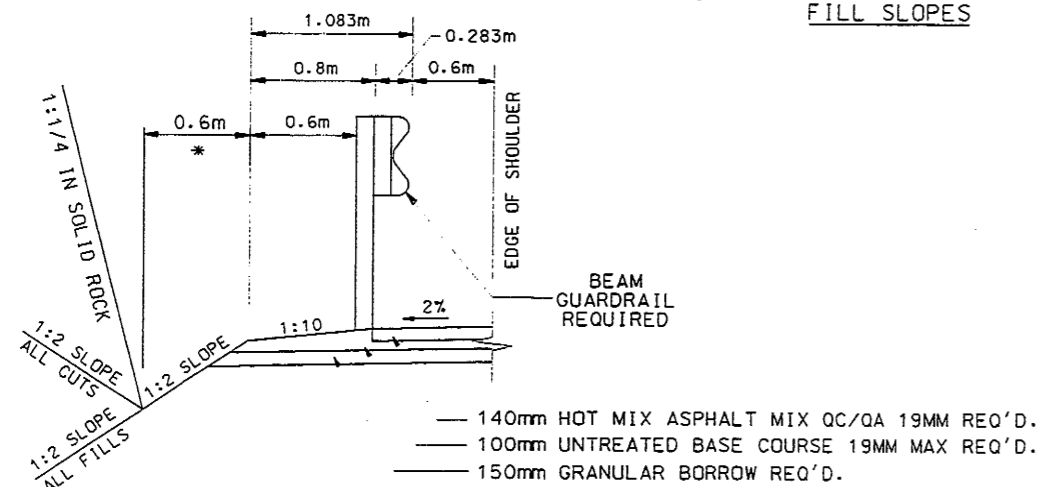
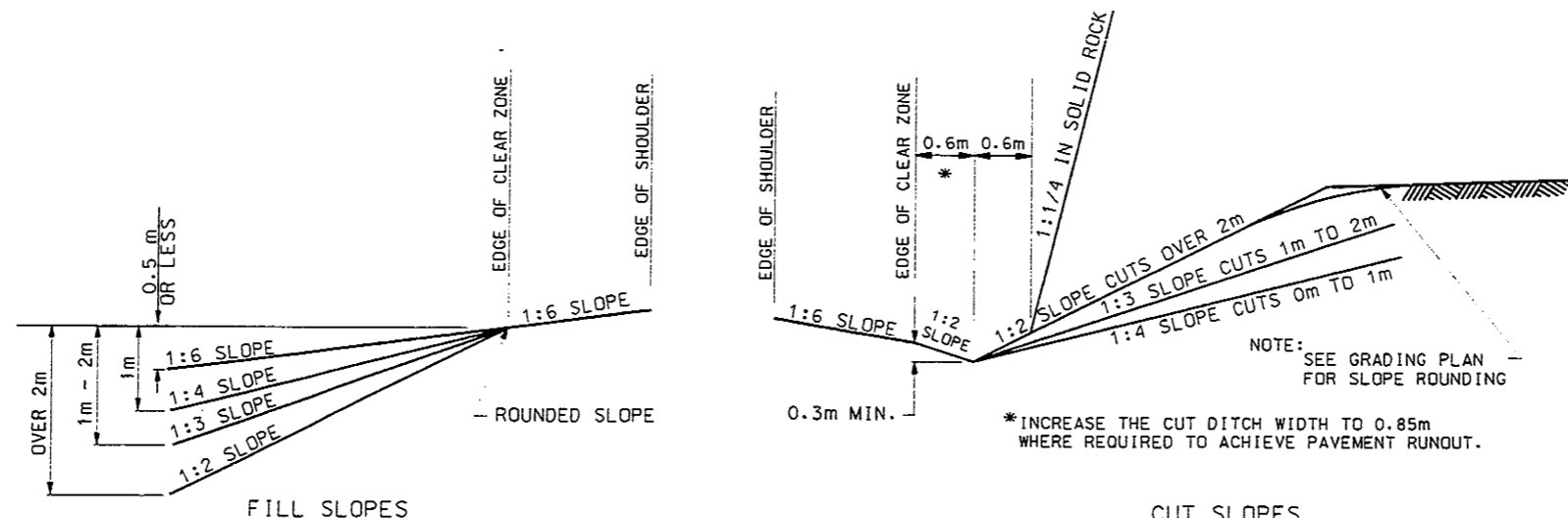
DESIGN DEPT. COPY  
DO NOT REMOVE



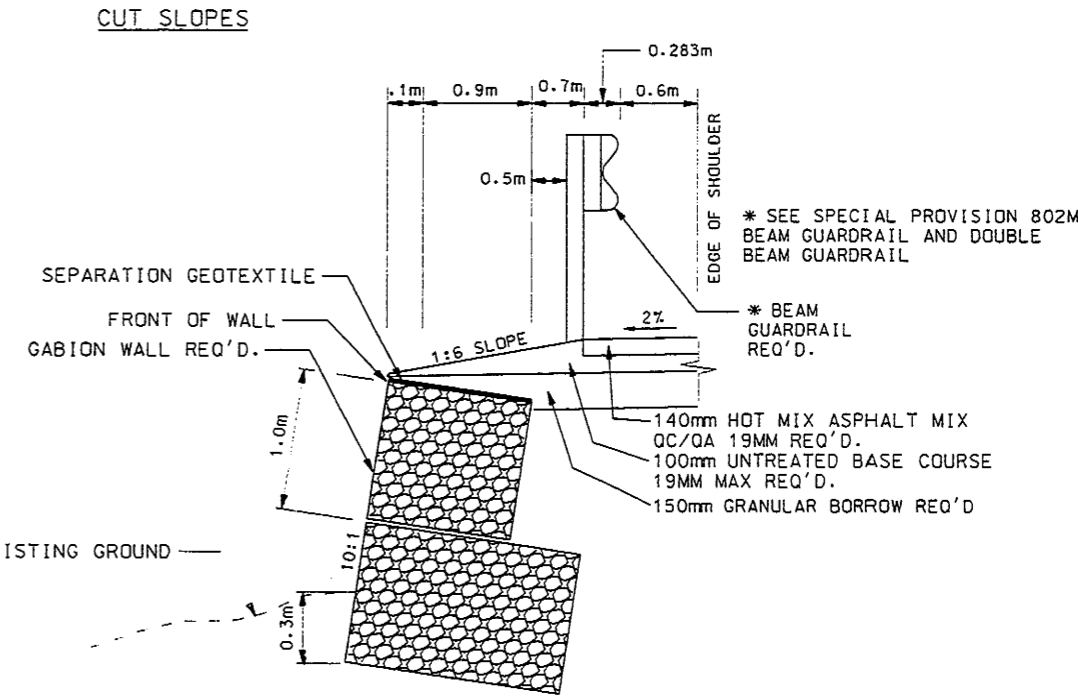
DESIGN DEPT. COPY  
DO NOT REMOVE

UTAH DEPARTMENT OF TRANSPORTATION  
APPROVED *[Signature]* 2000  
REGION DIRECTOR

# ROADSIDE DETAILS

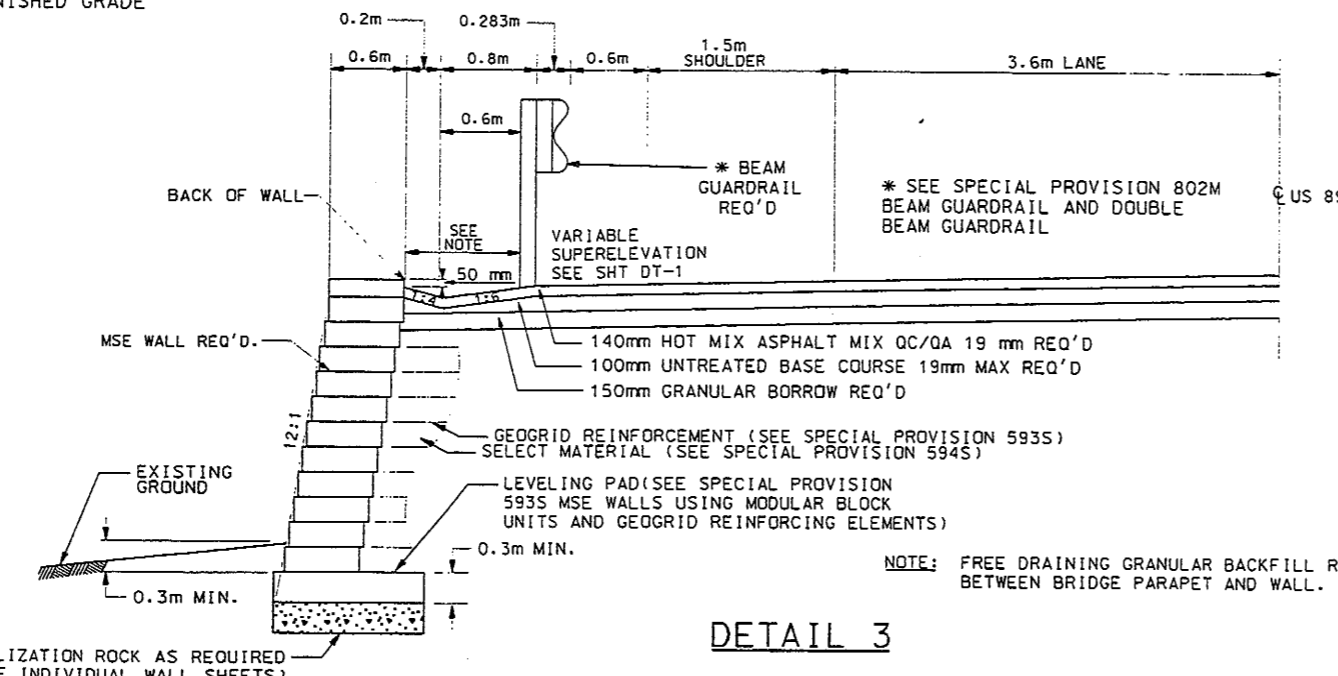


**DETAIL 1**  
NOTE: REFER TO CONTOURS ON LANDSCAPING SHEETS FOR FINISHED GRADE



**DETAIL 4**  
NOTE: MAX WALL HEIGHT 4.0M

**DETAIL 2**  
NOTE: REFER TO CONTOURS ON GRADING PLAN FOR FINISHED GRADE

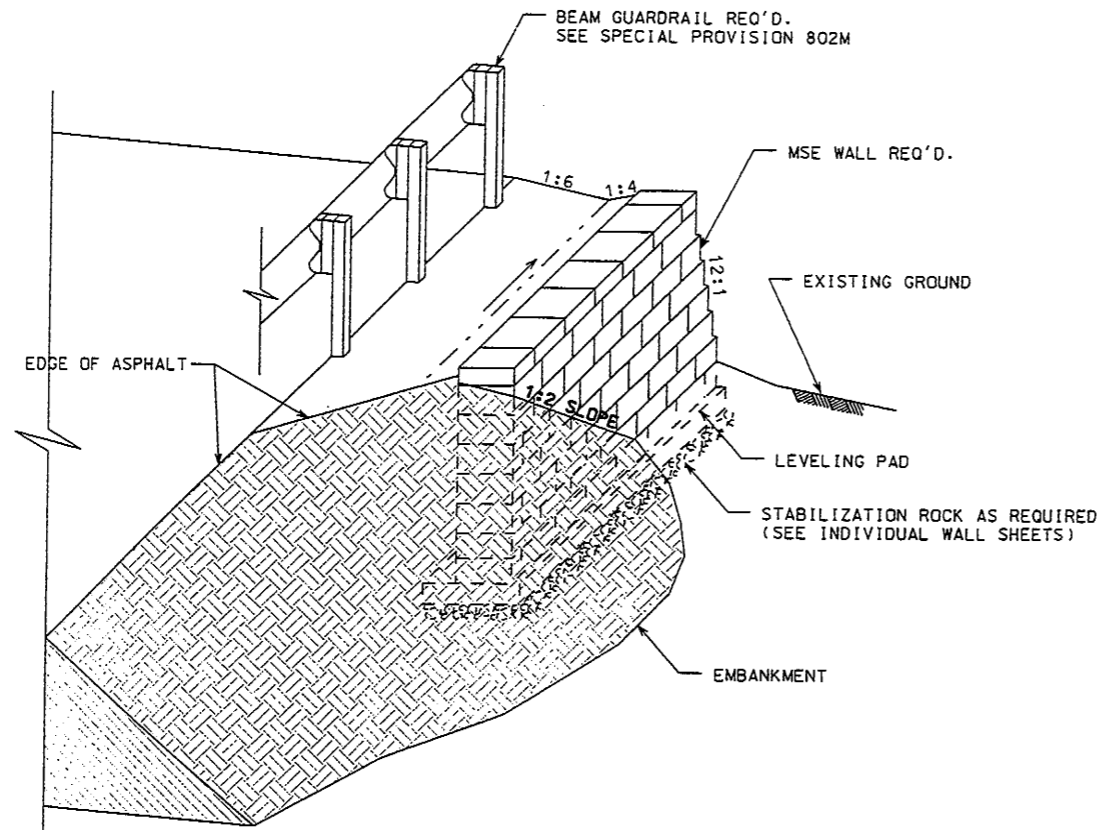


**DETAIL 3**  
NOTE: FREE DRAINING GRANULAR BACKFILL REQ'D. BETWEEN BRIDGE PARAPET AND WALL.

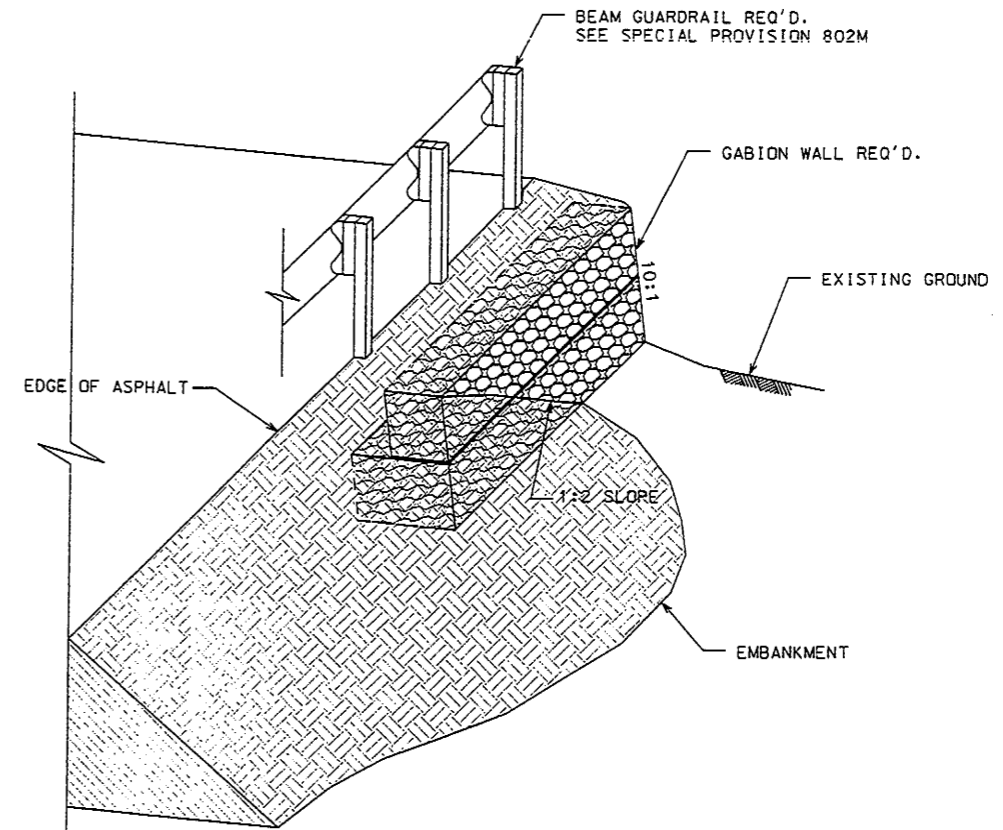
DATE: 26-SEP-2000 TIME: 09:39 FILENAME: H:\Projects\1584\21\Sheet1.dwg User: talis\0102.ggn

UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN		DESIGN	RJ	B/00	CHECK	BH	B/00	REVIEW	
LOGAN CANYON; TONY GROVE TO FRANKLIN BASIN ROAD	ROADSIDE DETAILS	DATE	9/25/00	DATE	9/25/00	DATE	9/25/00	DATE	9/25/00
PROJECT NUMBER	*NH-0089(29)393	APPROVED	[Signature]		DATE	9/25/00	APPROVED	[Signature]	
CACHE COUNTY		PLANS & ESTIMATES	[Signature]		DATE	9/25/00	PLANS & ESTIMATES	[Signature]	
SHEET NO.	DT-2	REVISIONS							

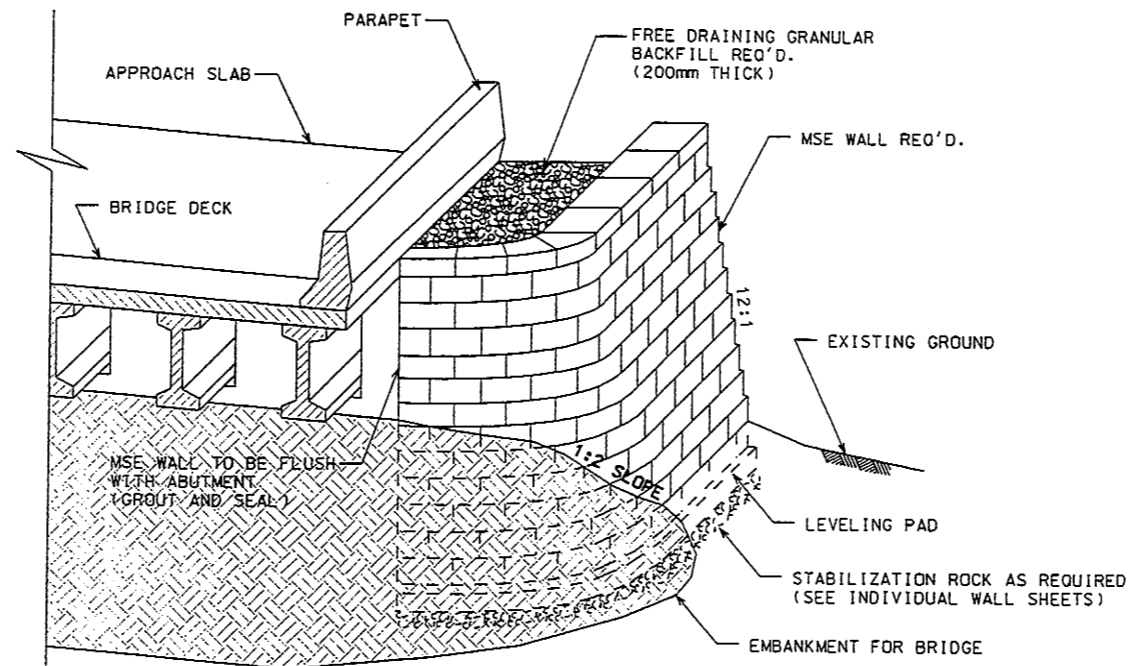
# WALL TRANSITION DETAILS



**END OF MSE WALL TRANSITION**  
(APPLIES TO THE HIGH SIDE OF MSE WALLS)



**END OF GABION WALL TRANSITION**  
(APPLIES AT BOTH ENDS OF GABION WALLS)



**WALL/ABUTMENT TRANSITION**

TIME: 3:10:47

DATE: 10/1/11

FILENAME: P1E13

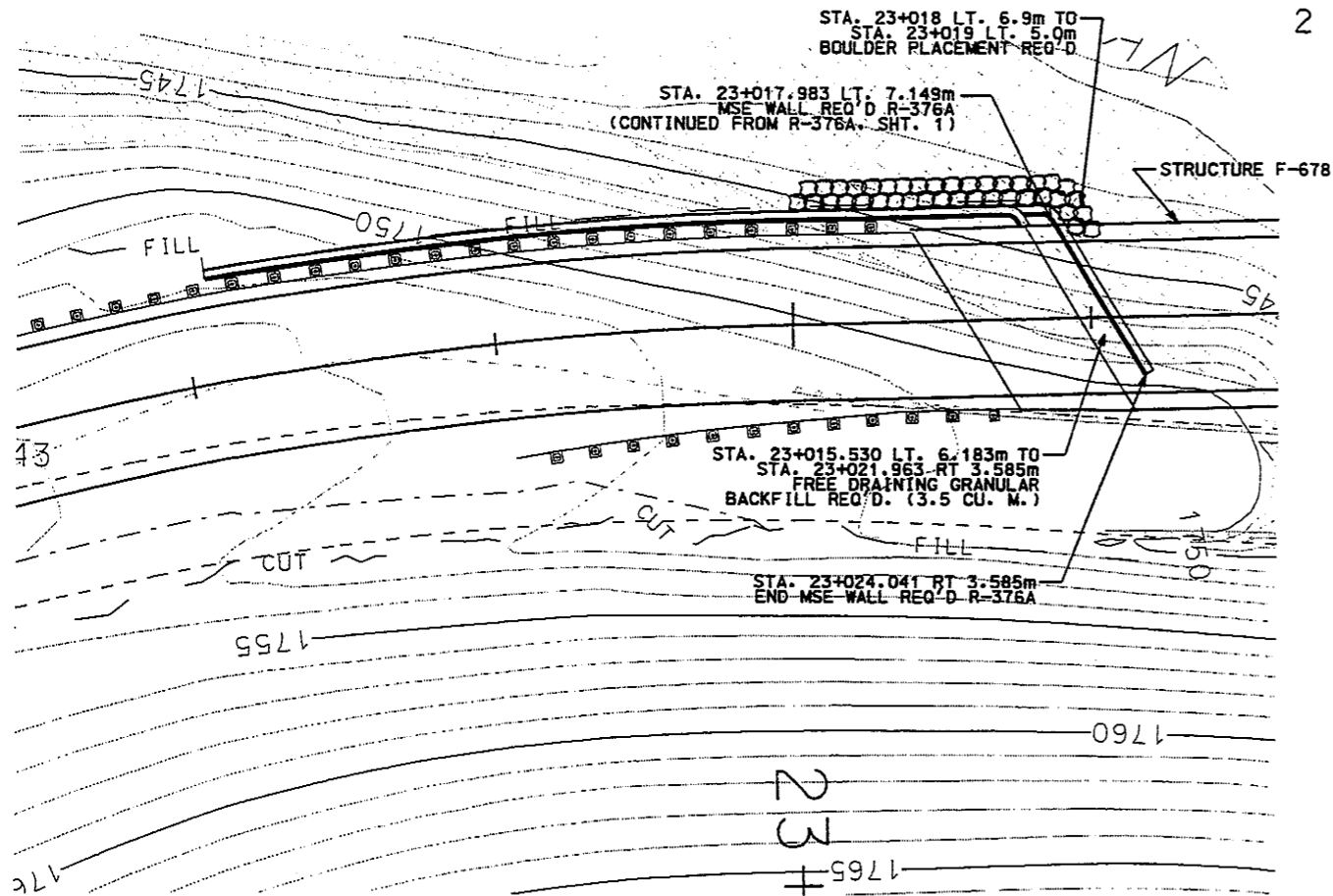
UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN		DESIGN	RJ	8/00	CHECK	BH	8/00	REVIEW	SN	DATE	BY	8/00
LOGAN CANYON; TONY GROVE TO FRANKLIN BASIN ROAD		DRAWN	RJ	8/00	CHECK	BH	8/00	DATE	SN	DATE	BY	8/00
WALL TRANSITION DETAILS		DATE	9/28/11	PROJECT DESIGN ENGINEER	[Signature]							
PROJECT NUMBER *NH-0089(29)393		DATE	8-25-00	ESTIMATES ENGINEER	[Signature]							
CACHE COUNTY		REVISIONS										
SHEET NO. DT-6		NO. DATE DESIGNED BY PARCELS REQUESTED BY REV. BY CORRECTED BY ORIGINAL SUBMISSION FOR AUTHORIZATION DATE										
		REMARKS										





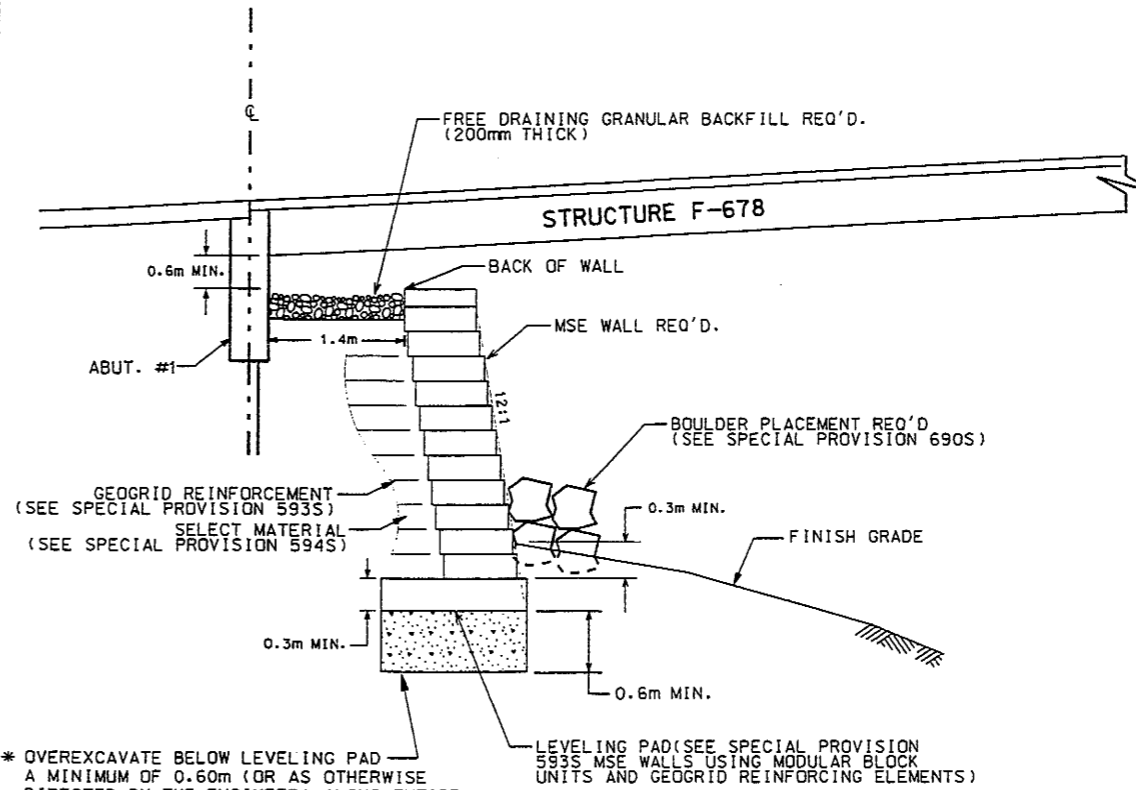
# MSE WALL R-376A

2 OF 2



PLAN

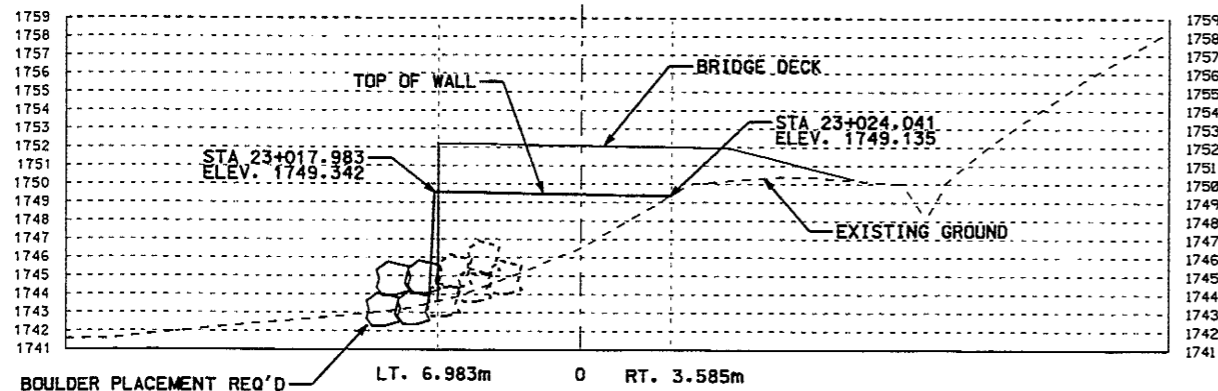
ALL STATIONS AND OFFSETS  
REFER TO THE BACK OF WALL.



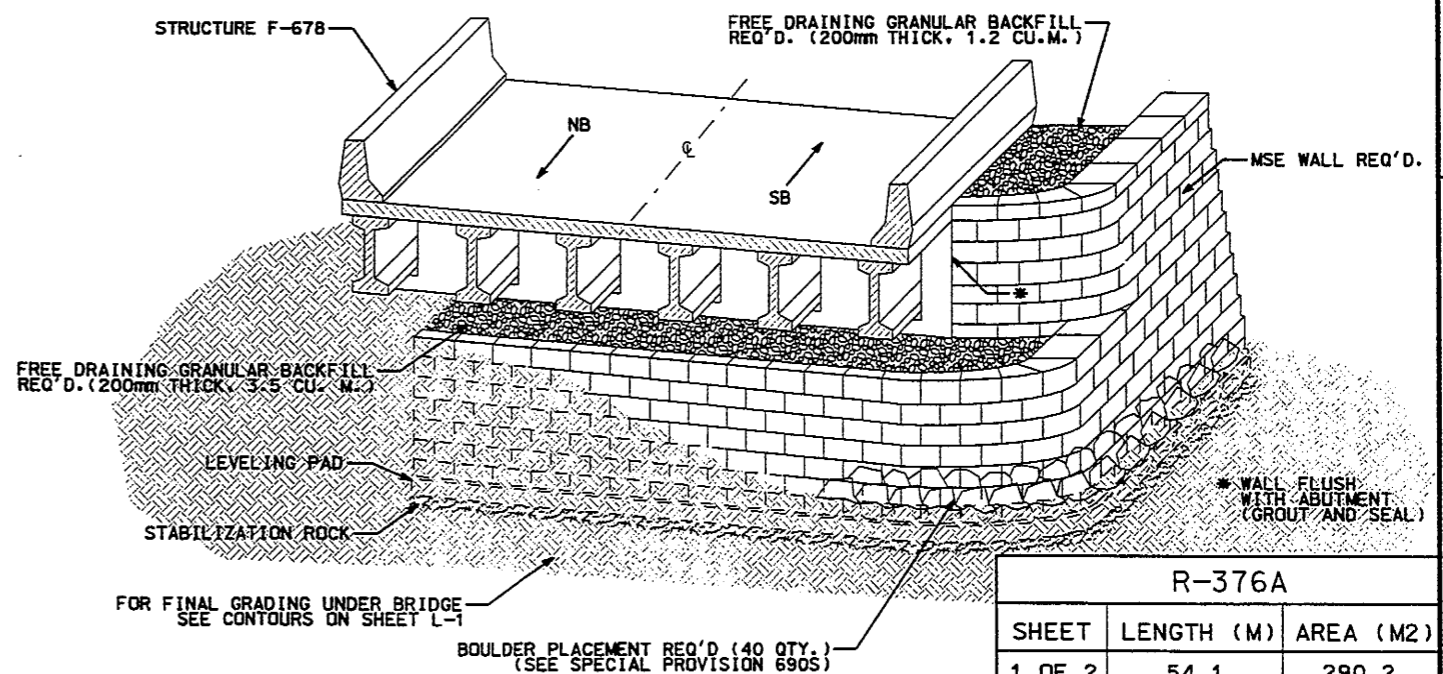
CROSS SECTION

## MSE WALL R-376A

ELEVATION



PROFILE



ISOMETRIC

R-376A		
SHEET	LENGTH (M)	AREA (M <sup>2</sup> )
1 OF 2	54.1	290.2
2 OF 2	15.3	34.7
TOTAL	69.4	324.9

UTAH DEPARTMENT OF TRANSPORTATION  
REGION ONE - OGDEN, UTAH  
ROADWAY DESIGN

LOGAN CANYON: TONY GROVE  
TO FRANKLIN BASIN ROAD  
WALL STRUCTURES

PROJECT NUMBER \*NH-0089(29)393

APPROVAL REGIONAL ENGINEER  
DATE 9/25/00  
APPROVED DATE 9/25/00  
DESIGNED BY  
CHECKED BY  
DRAWN BY  
QUANT. BY

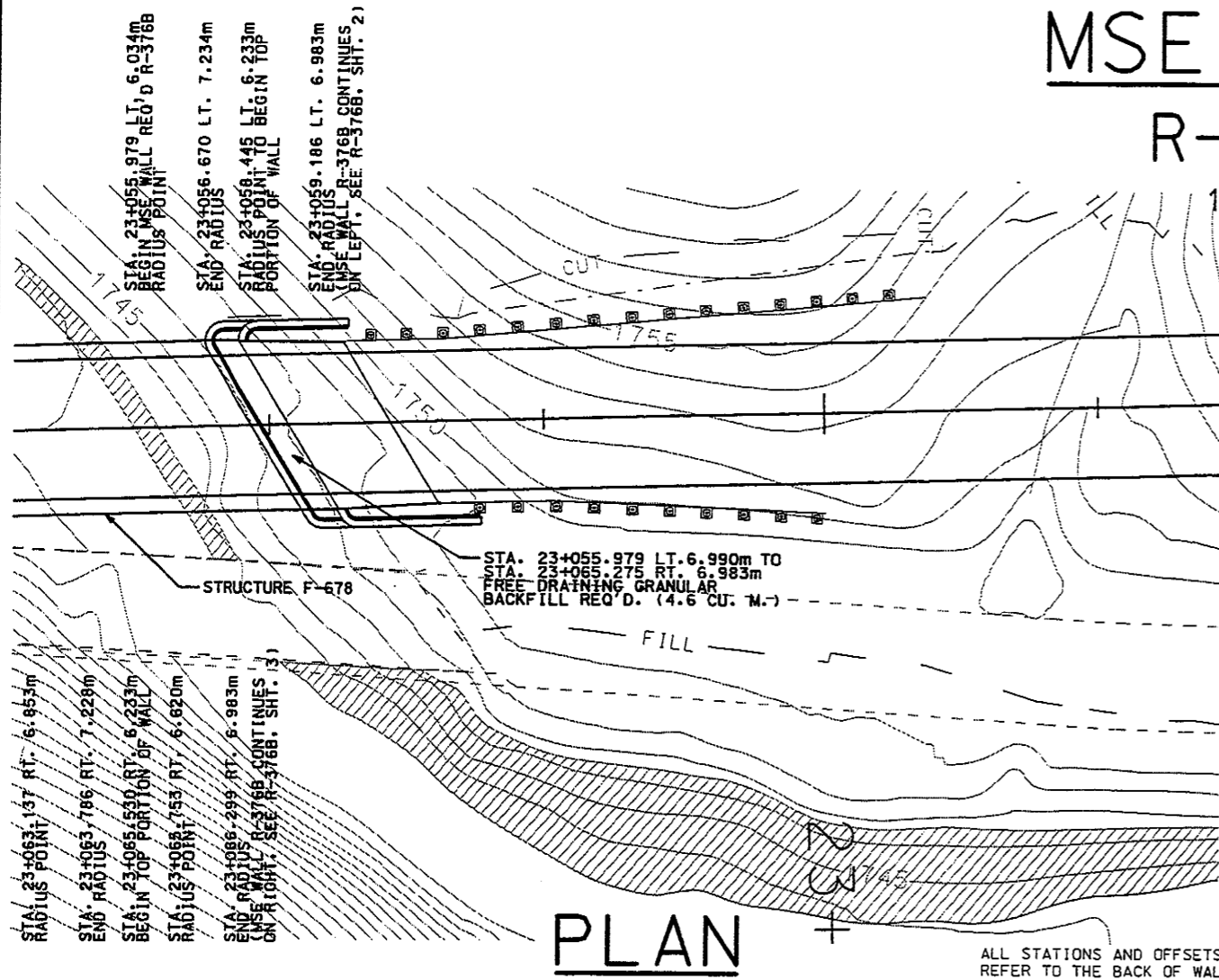
REVISIONS

NO.	DATE	REVISIONS

DATE: 21-SEP-2000  
TIME: R41  
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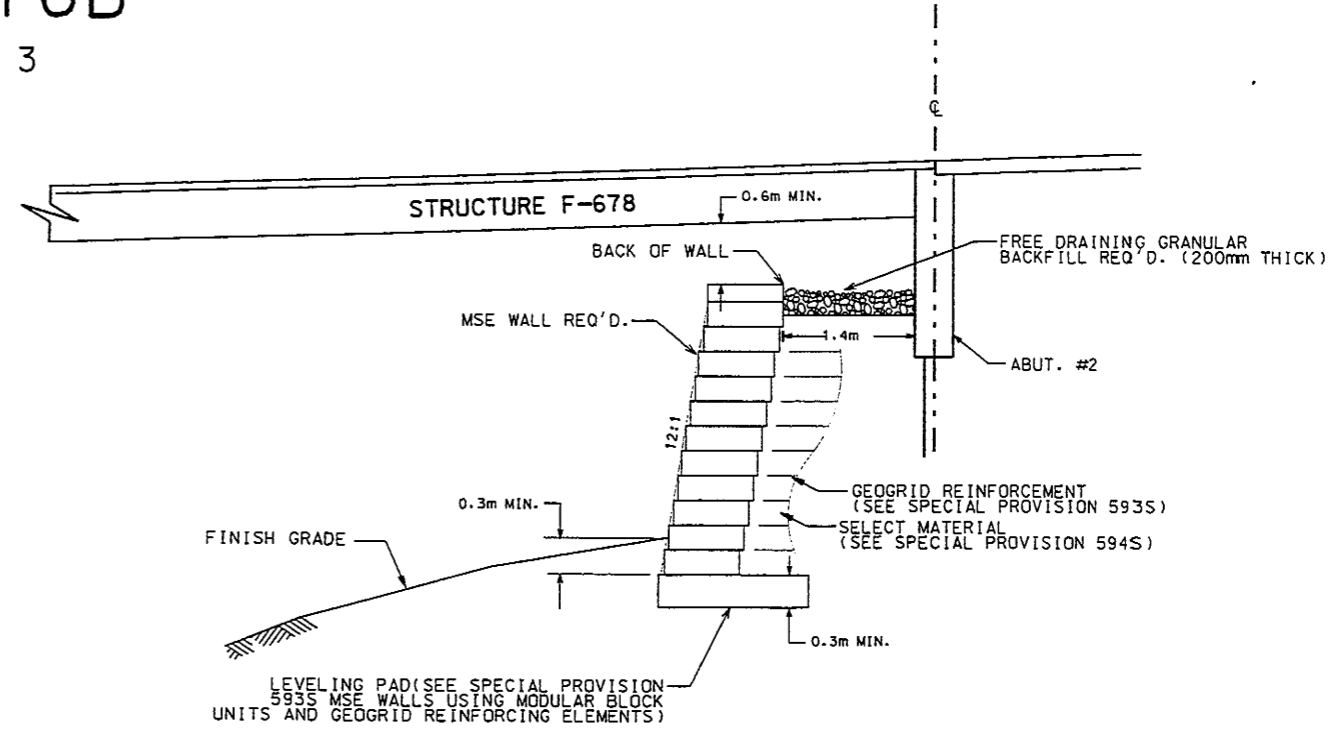
# MSE WALL R-376B

1 OF 3



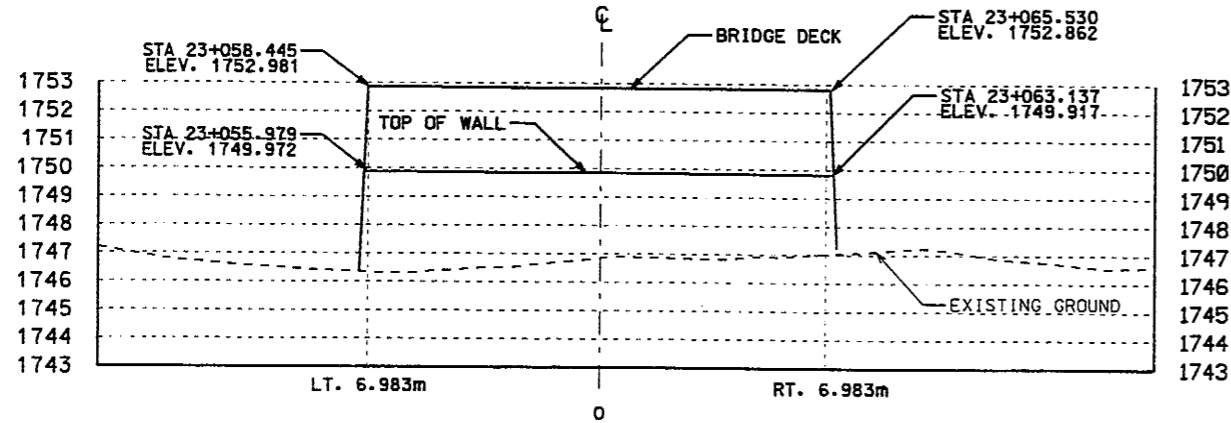
**PLAN**

ALL STATIONS AND OFFSETS REFER TO THE BACK OF WALL.

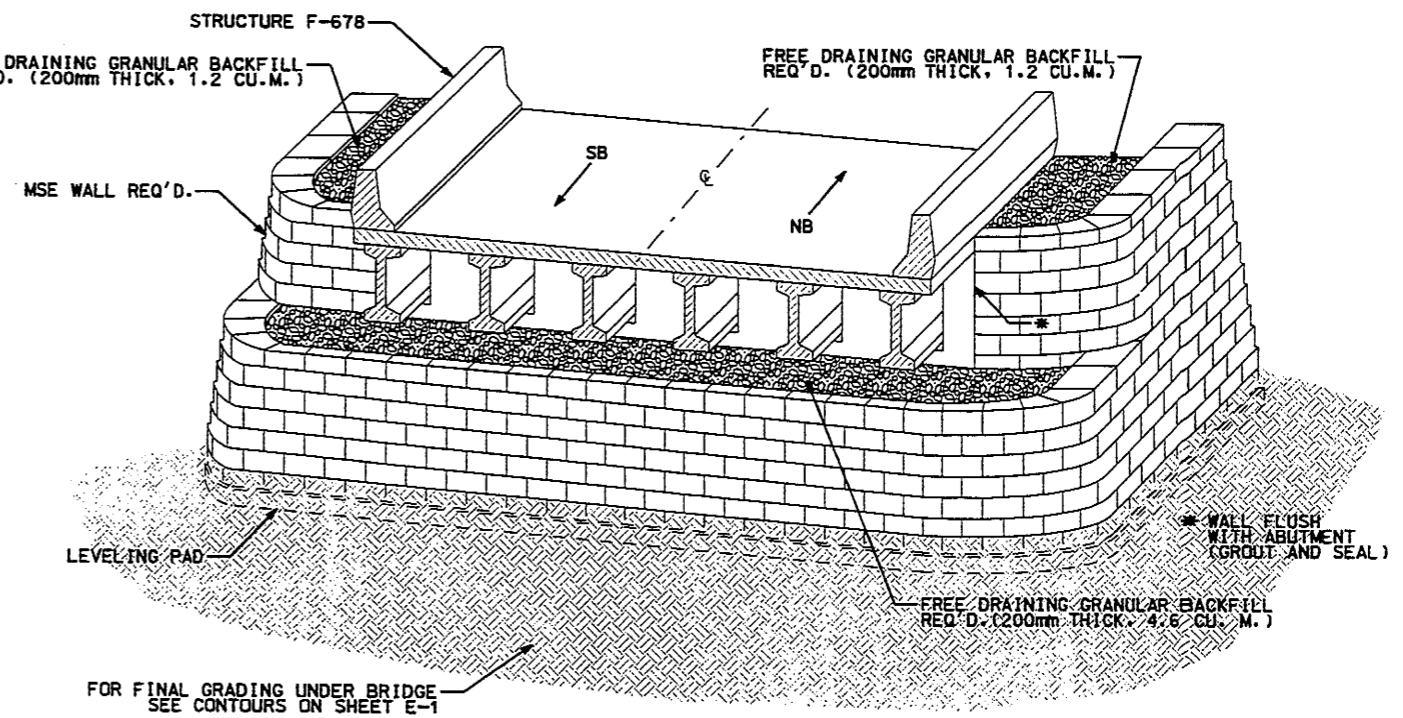


**CROSS SECTION**

## MSE WALL R-376B



**PROFILE**



**ISOMETRIC**

UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN		DESIGN	RJ	8/00	CHECK	BH	8/00	REVIEW	B/00
LOGAN CANYON: TONY GROVE TO FRANKLIN BASIN ROAD		FRANK	BU	8/00	CHECK	RJ	8/00	DATE	B/00
WALL STRUCTURES		QUANT.	BU	8/00	CHECK	RJ	8/00	BY	SN
PROJECT NUMBER		*NH-0089(29)393							
APPROVED		[Signature]							
RECORDED		[Signature]							
DATE		4/20/00							
PROJECT DESIGN ENGINEER		[Signature]							
DATE		4/20/00							
DESIGNER		[Signature]							
DATE		4/20/00							
DESIGN MAPS		[Signature]							
DATE		4/20/00							
REVISIONS		[Signature]							
DATE		4/20/00							
ORIGINAL SUBMISSION FOR AUTHORIZATION		[Signature]							
DATE		4/20/00							
REMARKS		[Signature]							
DATE		4/20/00							

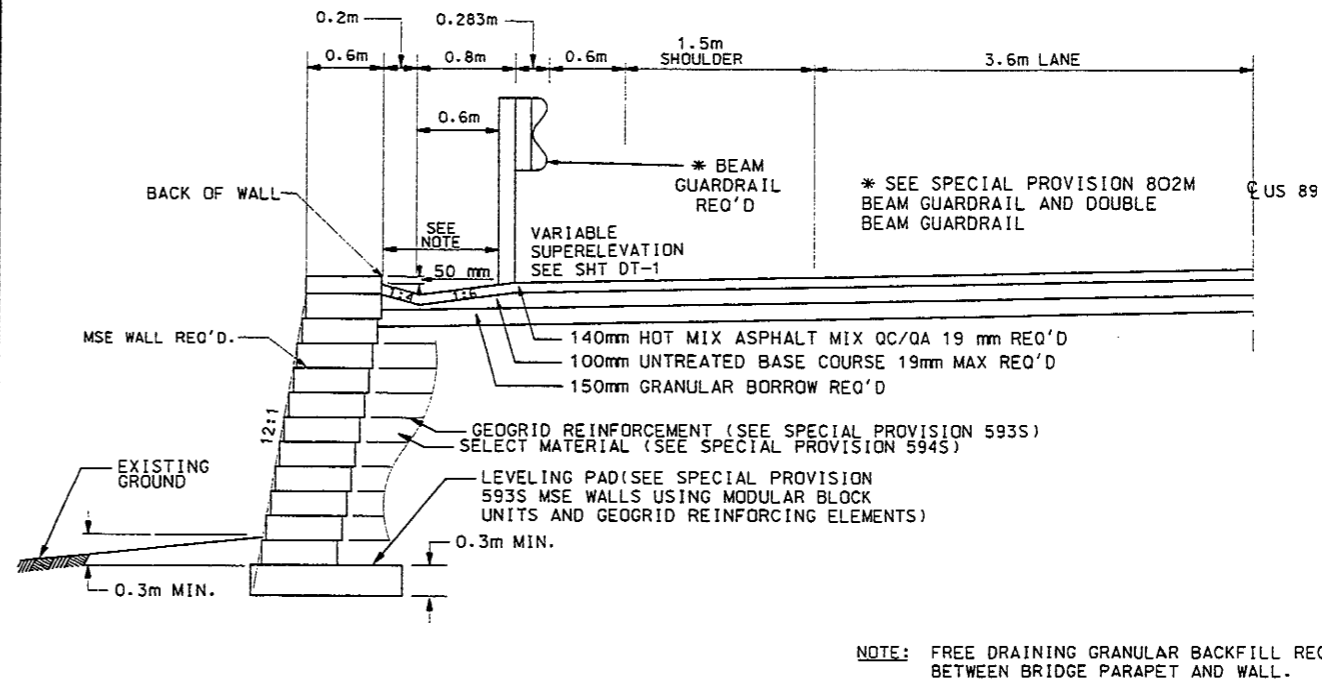
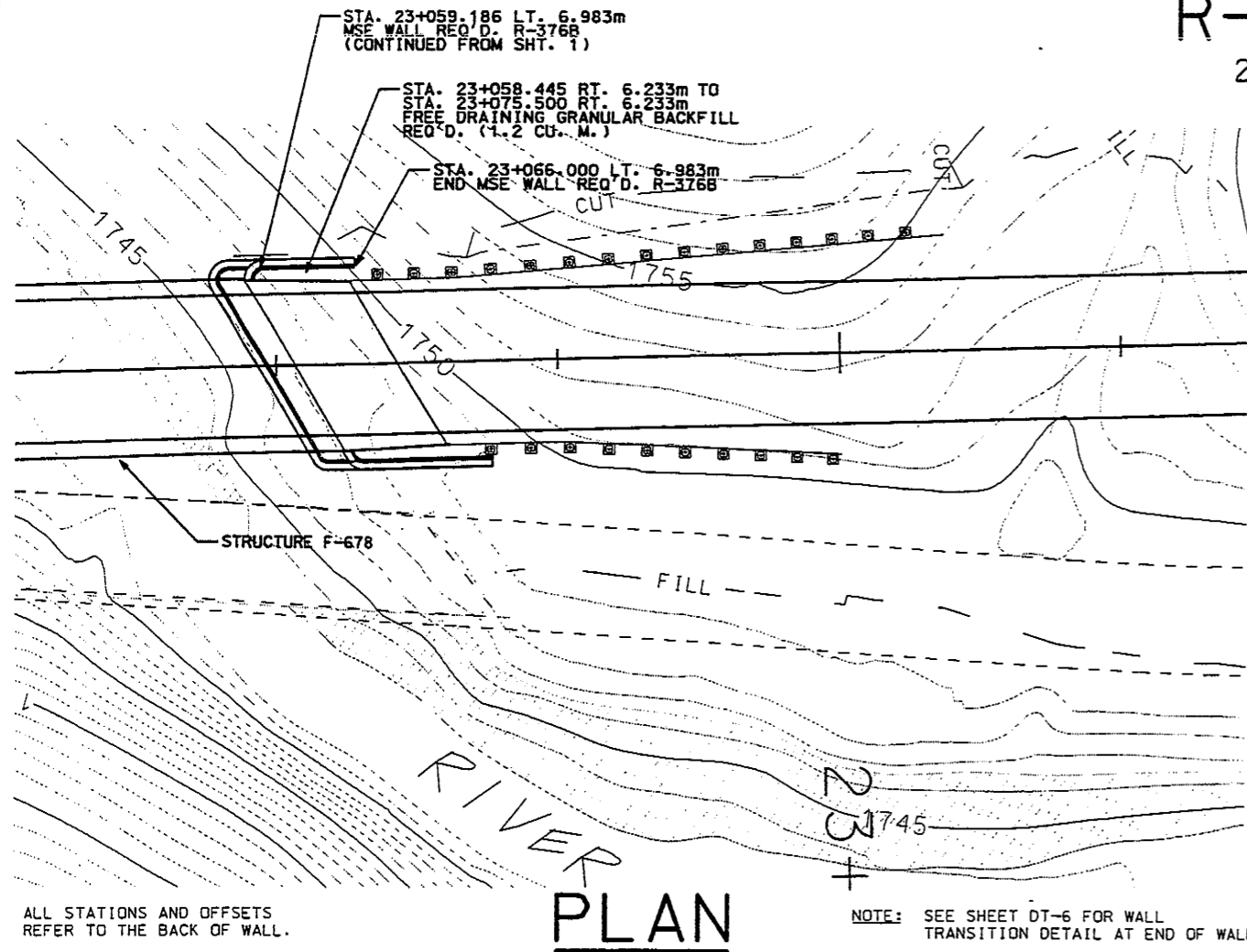
R-376B, SHT. 1		CACHE COUNTY	
LENGTH (M)	19.7	AREA (M <sup>2</sup> )	88.7
R-376B		DRG. NO.	
SHT. 1 OF 3			

FILENAME: I14E1 DATE: 10/04/00 TIME: 1:10:00

# MSE WALL

## R-376B

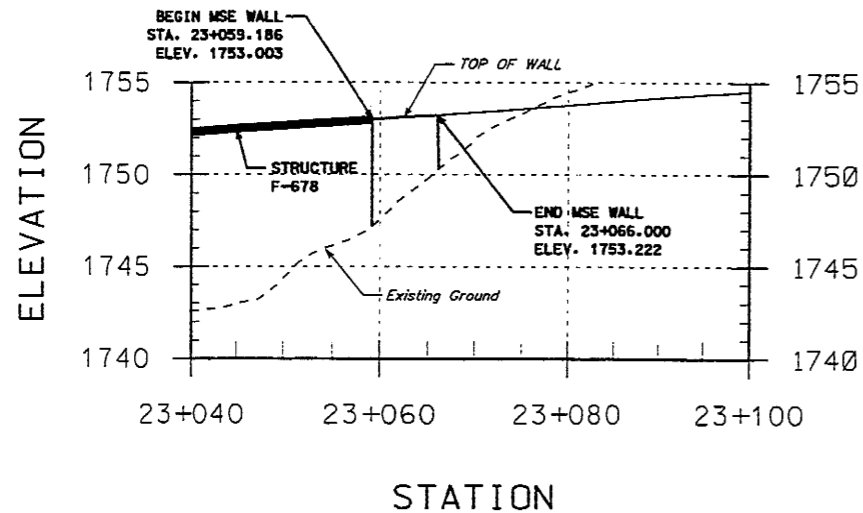
2 OF 3



# CROSS SECTION

## MSE WALL R-376B

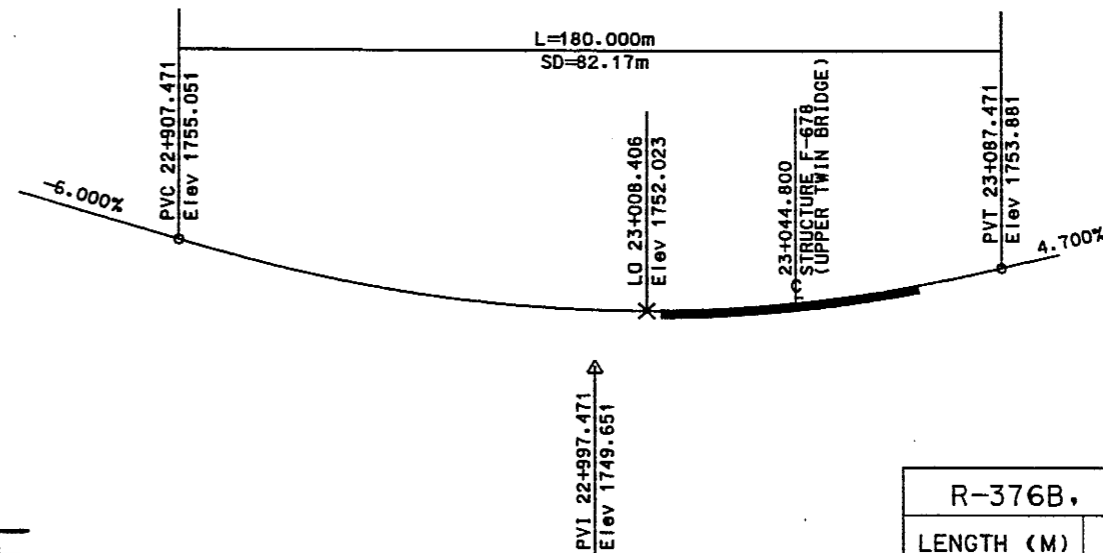
SCALED 2x VERT.



# PROFILE

## US89 PROFILE

(NOT TO SCALE)



R-376B, SHT. 2	
LENGTH (M)	AREA (M2)
8.0	40.9

UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN		APPROVAL RECORD	DATE	PROJECT DESIGN ENGINEER	DATE	PROJECT DESIGN ENGINEER	DATE	REVISIONS	
DESIGN	RJ	8/00	CHECK	BH	8/00	REVIEW	DATE	8/00	
DRAWN	BU	8/00	CHECK	RJ	8/00	QUANT.	BU	8/00	
BY	SN	DATE	BY	SN	DATE	BY	SN	DATE	
LOGAN CANYON; TONY GROVE TO FRANKLIN BASIN ROAD WALL STRUCTURES		CACHE COUNTY		R-376B DRG. NO.		PROJECT NUMBER *NH-0089(29)393		SHT. 2 OF 3	

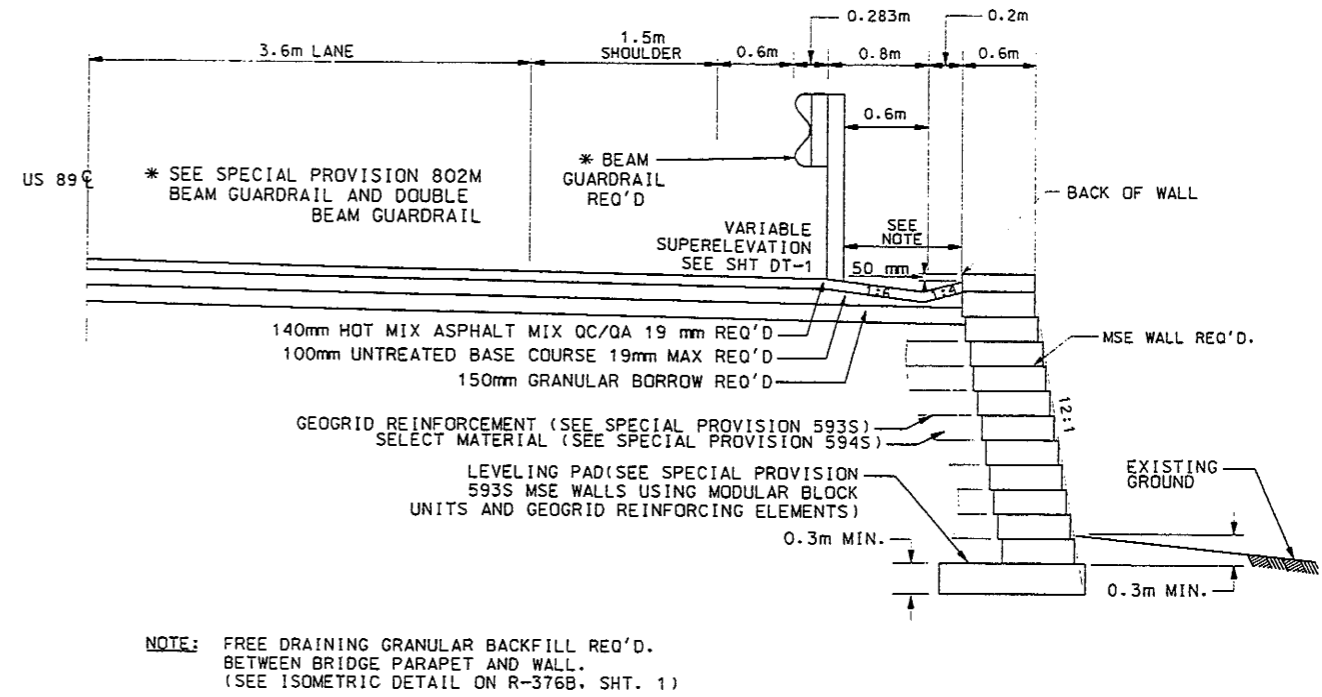
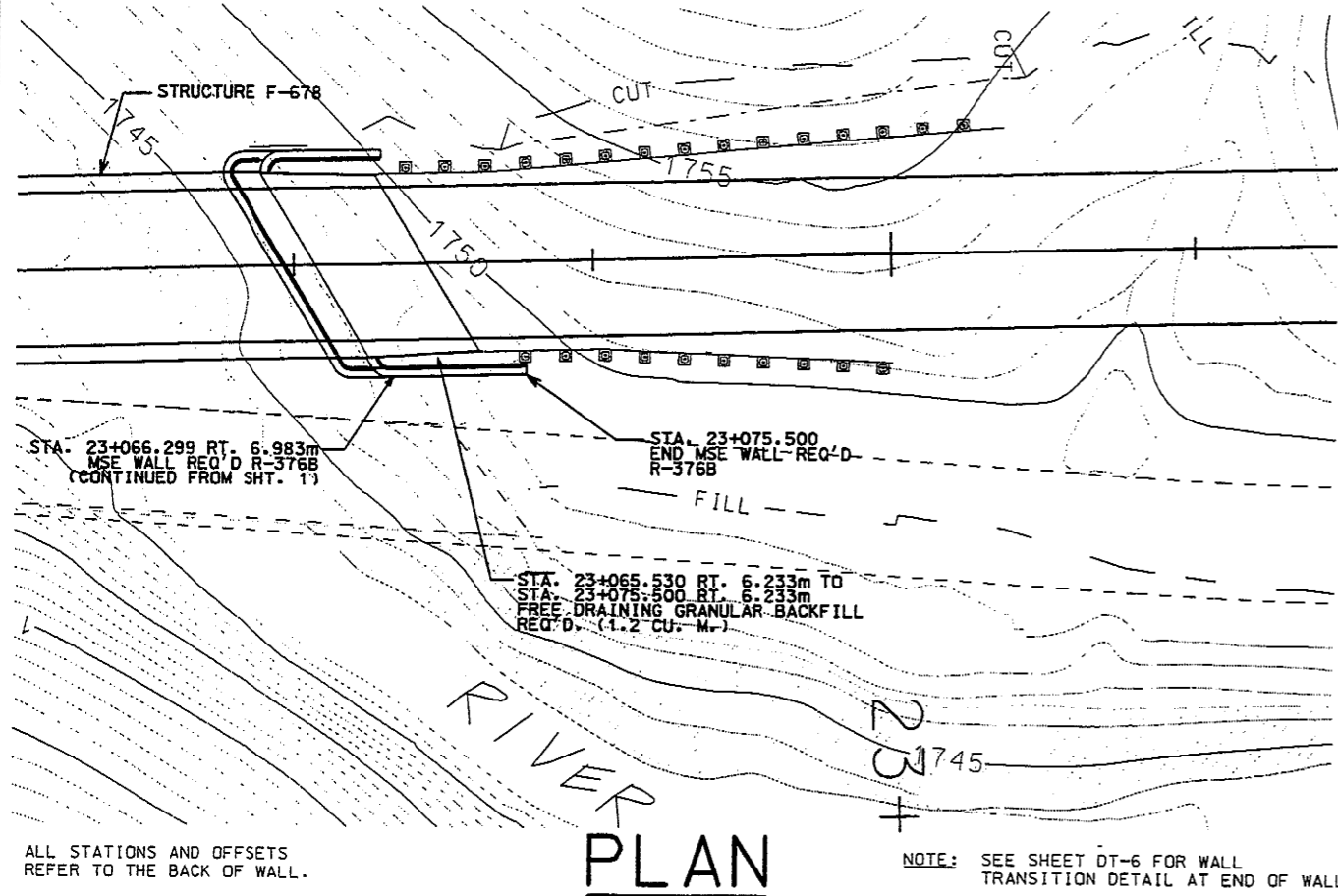
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 TIME: 10:37



# MSE WALL

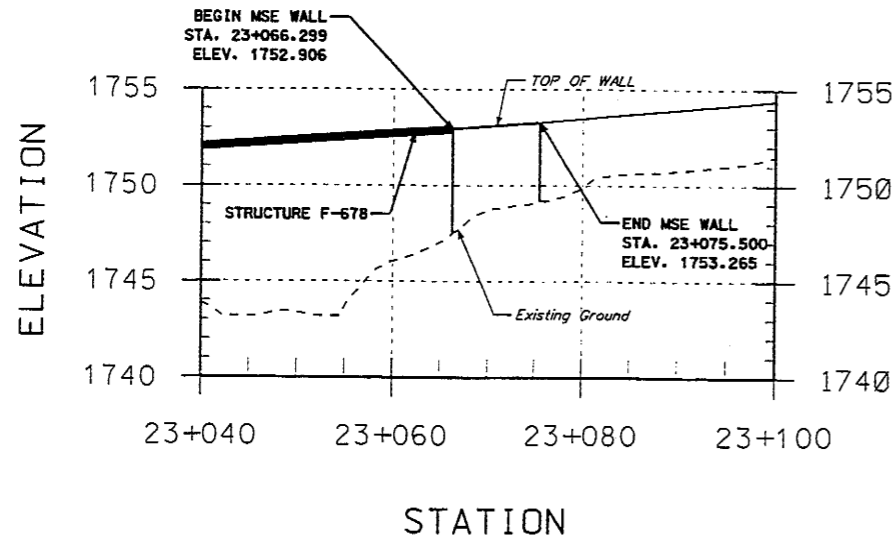
## R-376B

3 OF 3

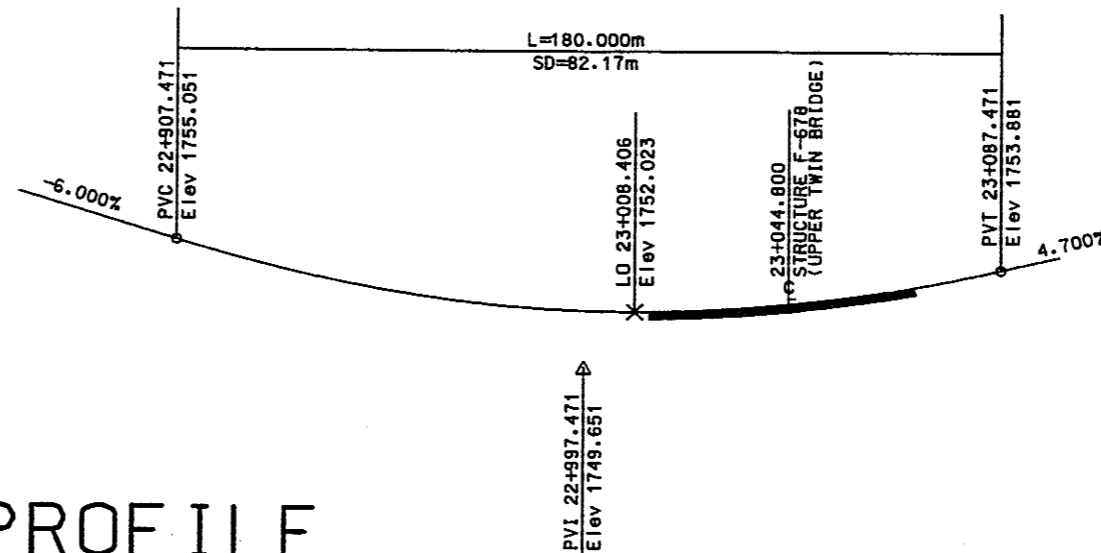


## CROSS SECTION

### MSE WALL R-376B SCALED 2x VERT.



### US89 PROFILE (NOT TO SCALE)



R-376B		
SHEET	LENGTH (M)	AREA (M2)
1 OF 3	19.7	88.7
2 OF 3	8.0	40.9
3 OF 3	10.4	53.4
<b>TOTAL</b>	<b>38.1</b>	<b>183.0</b>

UTAH DEPARTMENT OF TRANSPORTATION  
REGION ONE - OGDEN, UTAH  
ROADWAY DESIGN

LOGAN CANYON: TONY GROVE  
TO FRANKLIN BASIN ROAD  
WALL STRUCTURES

APPROVAL: [Signature]  
DATE: 9-25-00  
PROJECT DESIGN ENGINEER: [Signature]  
DATE: 9-25-00  
CHECKER: [Signature]  
DATE: 9-25-00  
QUANT. BU 8/00  
ESTIMATOR: [Signature]  
DATE: 9-25-00

NO.	DATE	DESIGN NAME'S PARCELS REQUESTED BY	REVISIONS

ORIGINAL SUBMISSION FOR AUTHORIZATION

UTAH DEPARTMENT OF TRANSPORTATION  
REGION ONE - OGDEN, UTAH  
ROADWAY DESIGN

LOGAN CANYON: TONY GROVE  
TO FRANKLIN BASIN ROAD  
WALL STRUCTURES

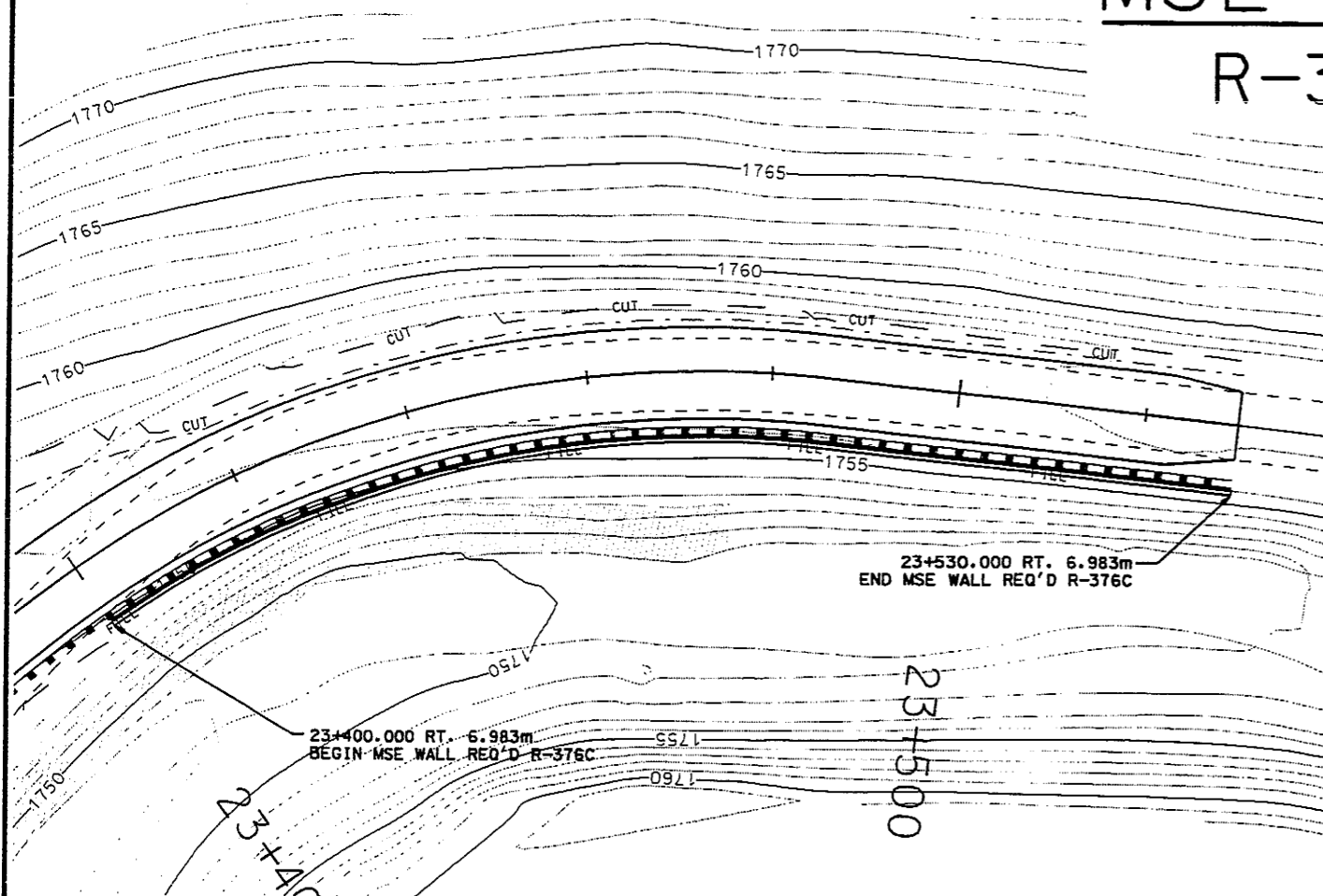
PROJECT NUMBER: \*NH-0089(29)393

CACHE COUNTY  
R-376B  
DRG. NO.

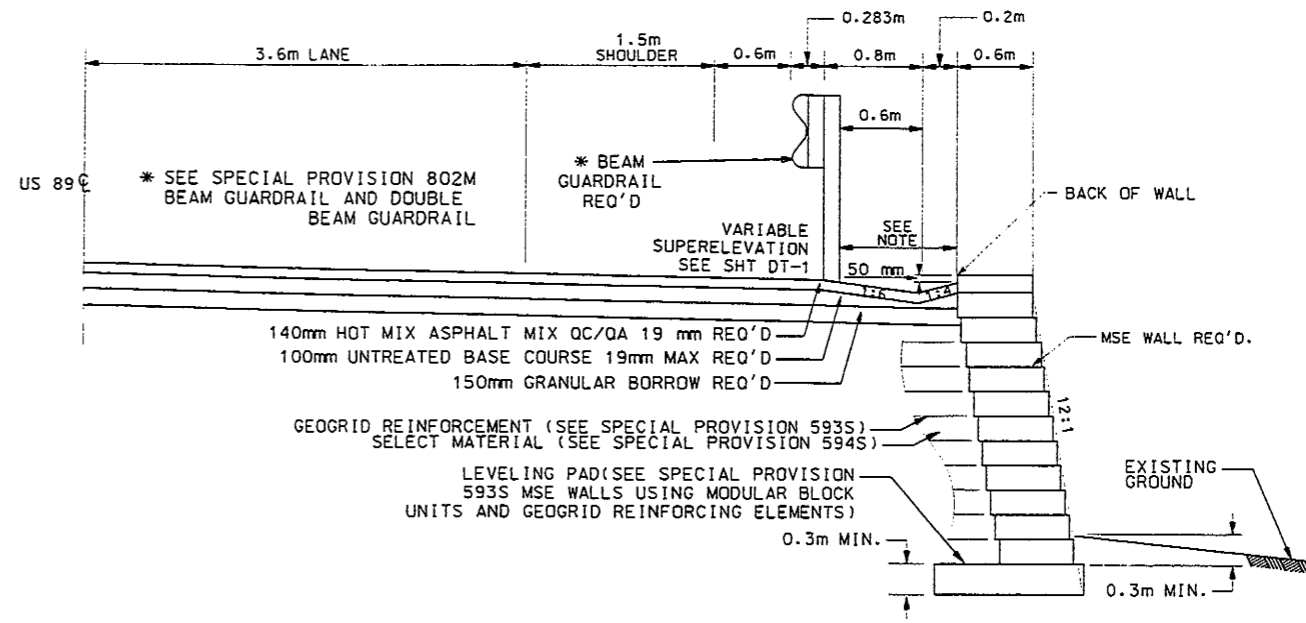
SHT. 3 OF 3

FILENAME: N:\Projects\594.37\Sheet\Files\WallR-376B.dgn  
DATE: 21-SEP-2000  
TIME: 09:40

# MSE WALL R-376C



## PLAN

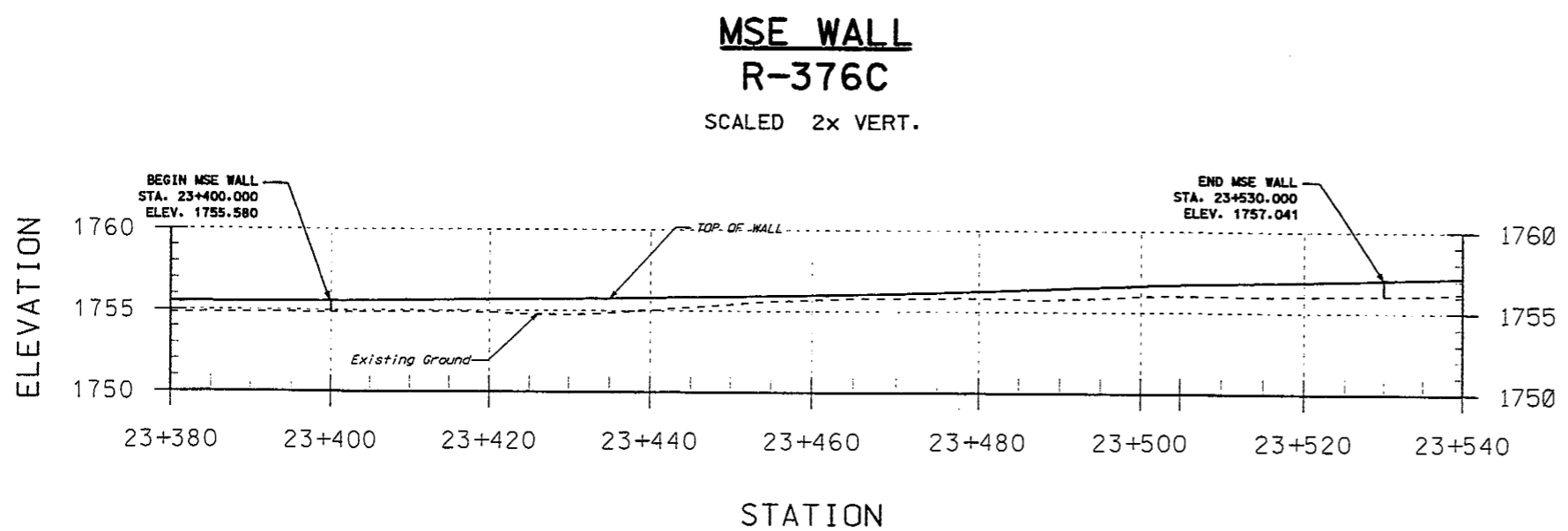


## CROSS SECTION

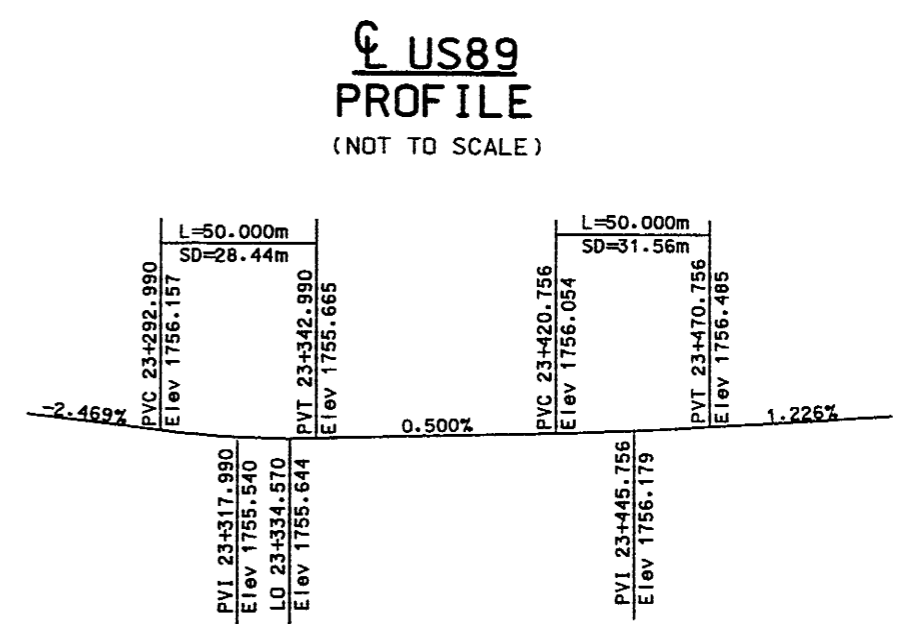
ALL STATIONS AND OFFSETS REFER TO THE BACK OF WALL.

NOTE:  
SEE SHEET EDT-1 FOR STONE SPILLWAY DETAIL AT BEGINNING OF WALL.  
SEE SHEET DT-6 FOR WALL TRANSITION DETAIL AT END OF WALL.

NOTE: FREE DRAINING GRANULAR BACKFILL REQ'D. BETWEEN BRIDGE PARAPET AND WALL.



## PROFILE



R-376C	
LENGTH (M)	AREA (M2)
125.0	130.6

UTAH DEPARTMENT OF TRANSPORTATION  
REGION ONE - OGDEN, UTAH  
ROADWAY DESIGN

LOGAN CANYON; TONY GROVE  
TO FRANKLIN BASIN ROAD  
WALL STRUCTURES

PROJECT NUMBER \*NH-0089(29)393

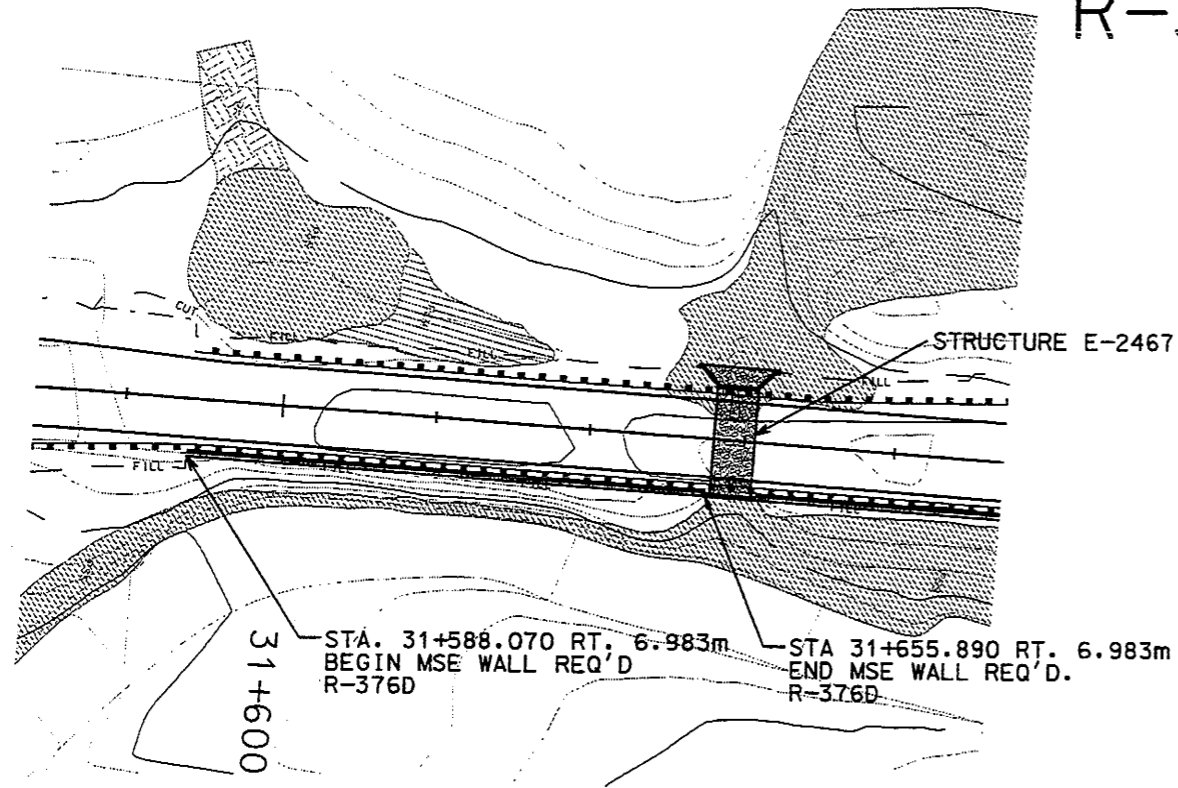
NO.	DATE	DESIGNER	CHECKER	REVIEWER	REVISIONS

APPROVED: *[Signature]* DATE: 9-25-00  
 PROJECT ENGINEER: *[Signature]* DATE: 9-25-00  
 CLASS & ESTIMATES ENGINEER: *[Signature]* DATE: 9-25-00

FILENAME: H:\Projects\564\_911\Sheet1.Filac\WallR-376C.dgn  
 DATE: 1-SEP-2000  
 TIME: 12:05

# MSE WALL

## R-376D

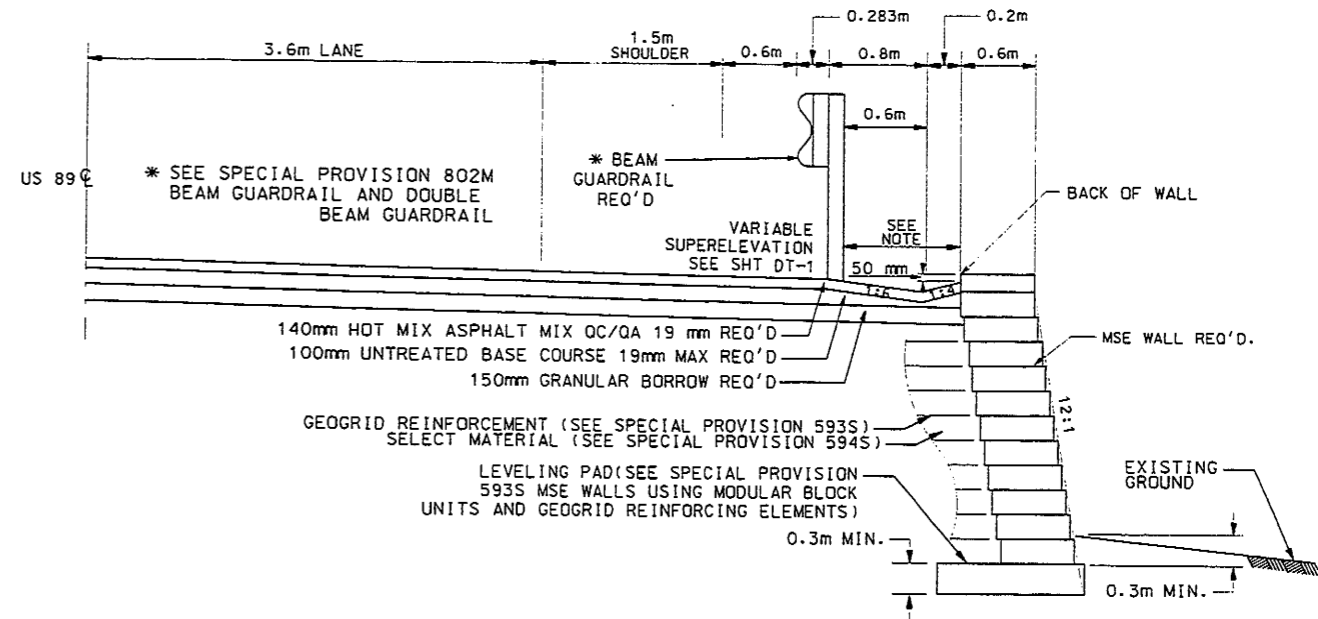


### PLAN

ALL STATIONS AND OFFSETS REFER TO THE BACK OF WALL.

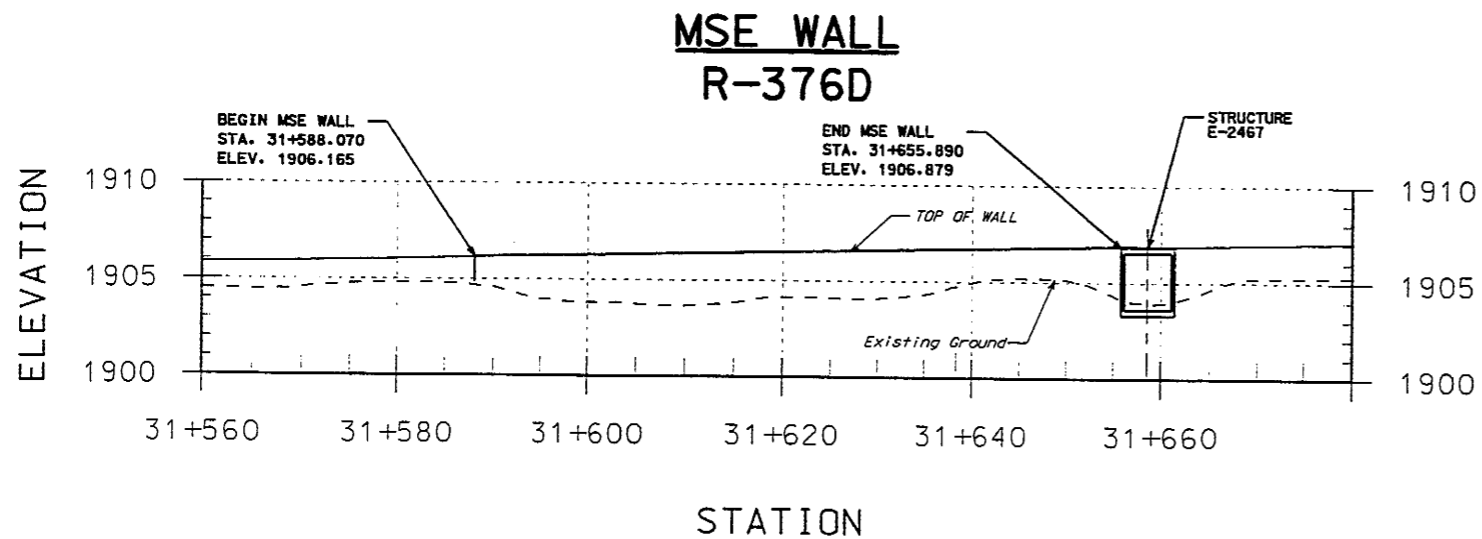
NOTE:

SEE SHEET EDT-1 FOR STONE SPILLWAY DETAIL AT BEGINNING OF WALL.  
END OF WALL TO BE FLUSH WITH BOX CULVERT HEADWALL.



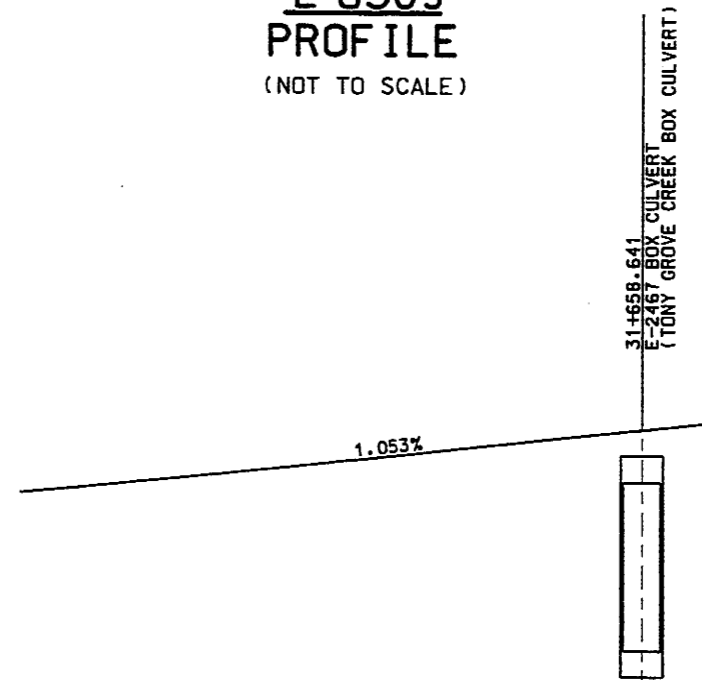
NOTE: FREE DRAINING GRANULAR BACKFILL REQ'D. BETWEEN BRIDGE PARAPET AND WALL.

### CROSS SECTION



### PROFILE

### US89 PROFILE (NOT TO SCALE)



R-376D	
LENGTH (M)	AREA (M2)
67.82	180.2

CACHE COUNTY

DRG. NO. R-376D

DATE: 8-SEP-2000 TIME: 12:05

FILENAME: H:\Projects\584\_91\Sheet\_1\_Plan\mwall-376d.dgn

UTAH DEPARTMENT OF TRANSPORTATION  
REGION ONE - OGDEN, UTAH  
ROADWAY DESIGN

LOGAN CANYON; TONY GROVE  
TO FRANKLIN BASIN ROAD  
WALL STRUCTURES

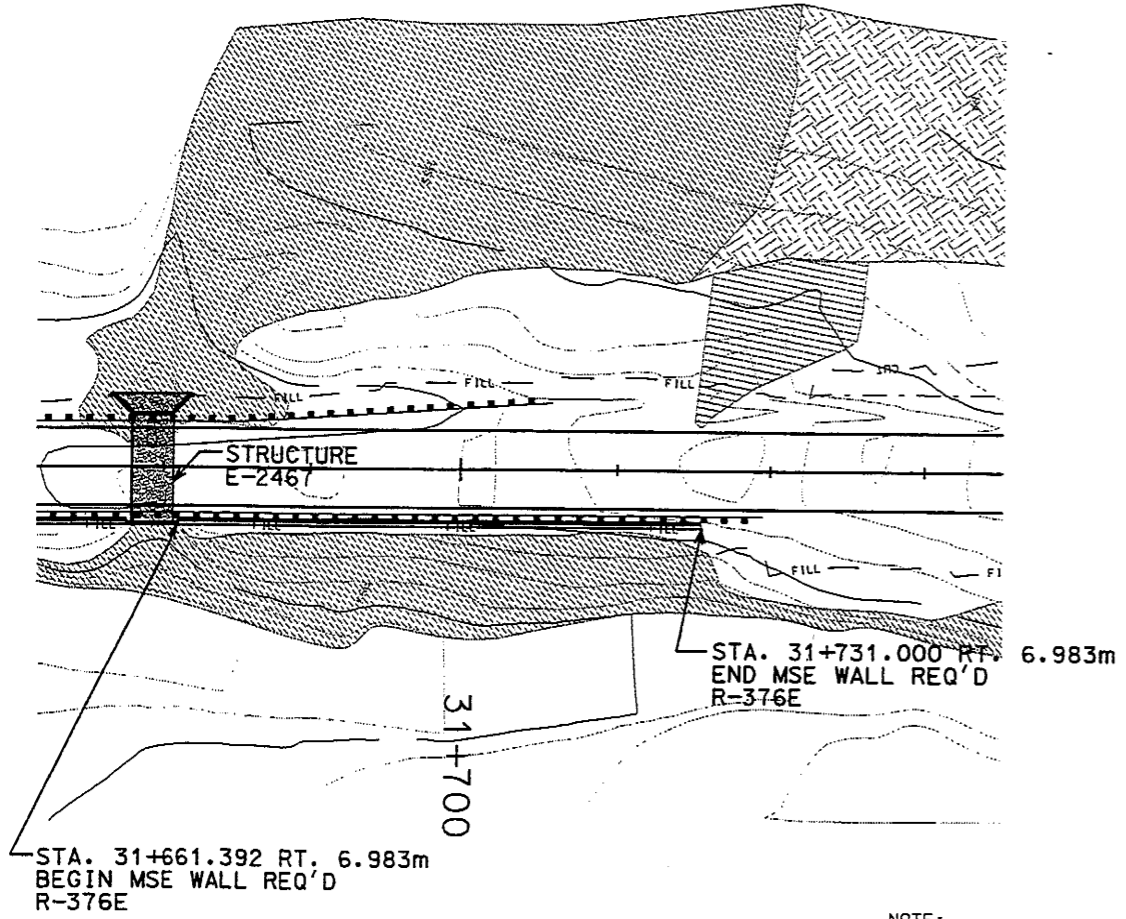
PROJECT NUMBER \*NH-0089(29)393

NO.	DATE	DESIGNER'S NAME	REVISIONS

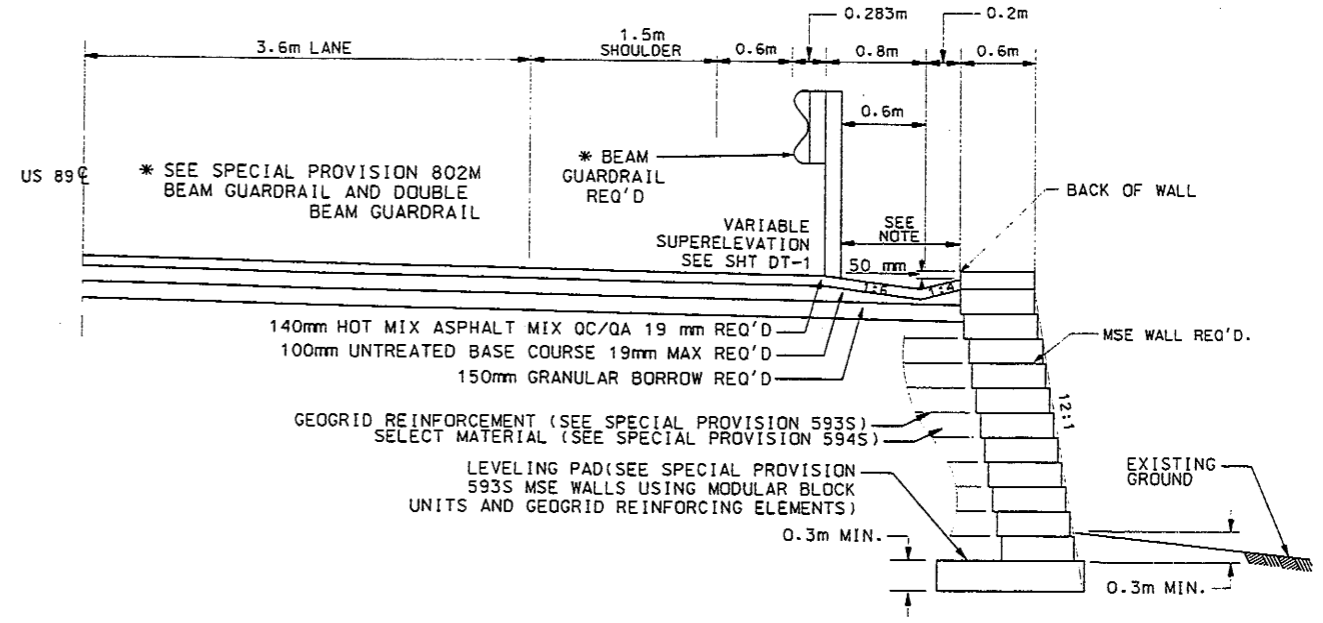
DESIGN	REVIEW
RJ B/00	BH B/00
BU B/00	RJ B/00
QUANT. BU B/00	CHECK RJ B/00

APPROVAL: *[Signature]*  
DATE: 9/25/00  
PROJECT ENGINEER: *[Signature]*  
DATE: 9-25-00  
CHECKS & ESTIMATES ENGINEER: *[Signature]*

# MSE WALL R-376E



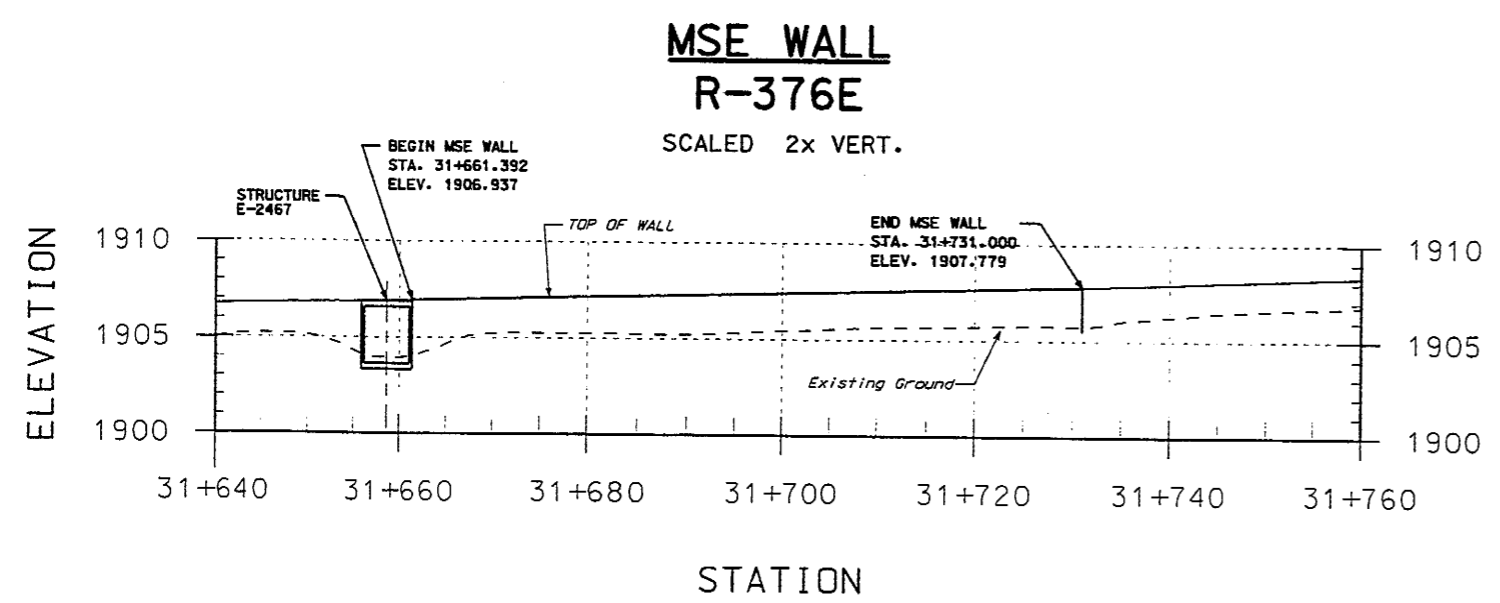
**PLAN**



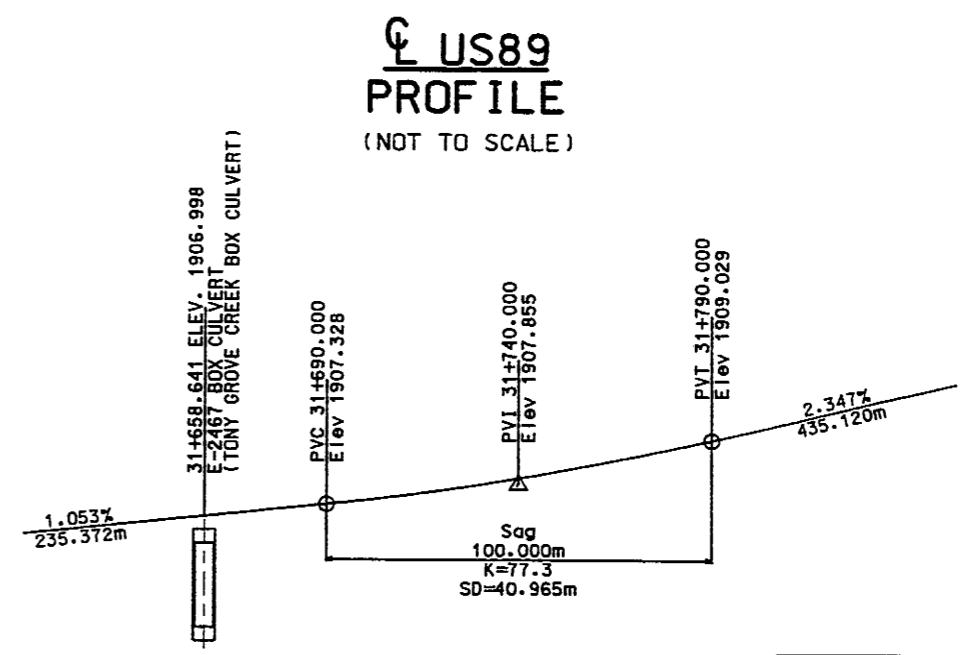
**CROSS SECTION**

NOTE:  
BEGINNING OF WALL TO BE FLUSH WITH BOX CULVERT HEADWALL.  
SEE SHEET DT-6 FOR WALL TRANSITION DETAIL AT END OF WALL.

ALL STATIONS AND OFFSETS REFER TO THE BACK OF WALL.



**PROFILE**



R-376E	
LENGTH (M)	AREA (M2)
69.608	165.0

UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN		DESIGN	CHECK	REVIEW	DATE	BY	DATE	BY
DESIGN	RJ	8/00	BU	RJ	8/00	RJ	8/00	RJ
CHECK	BU	8/00	QUANT.	BU	8/00	QUANT.	BU	8/00
REVIEW	BH	8/00	DATE	8/00	DATE	8/00	DATE	8/00
REVISIONS	NO.	DATE	REVISION	BY	DATE	BY	DATE	BY

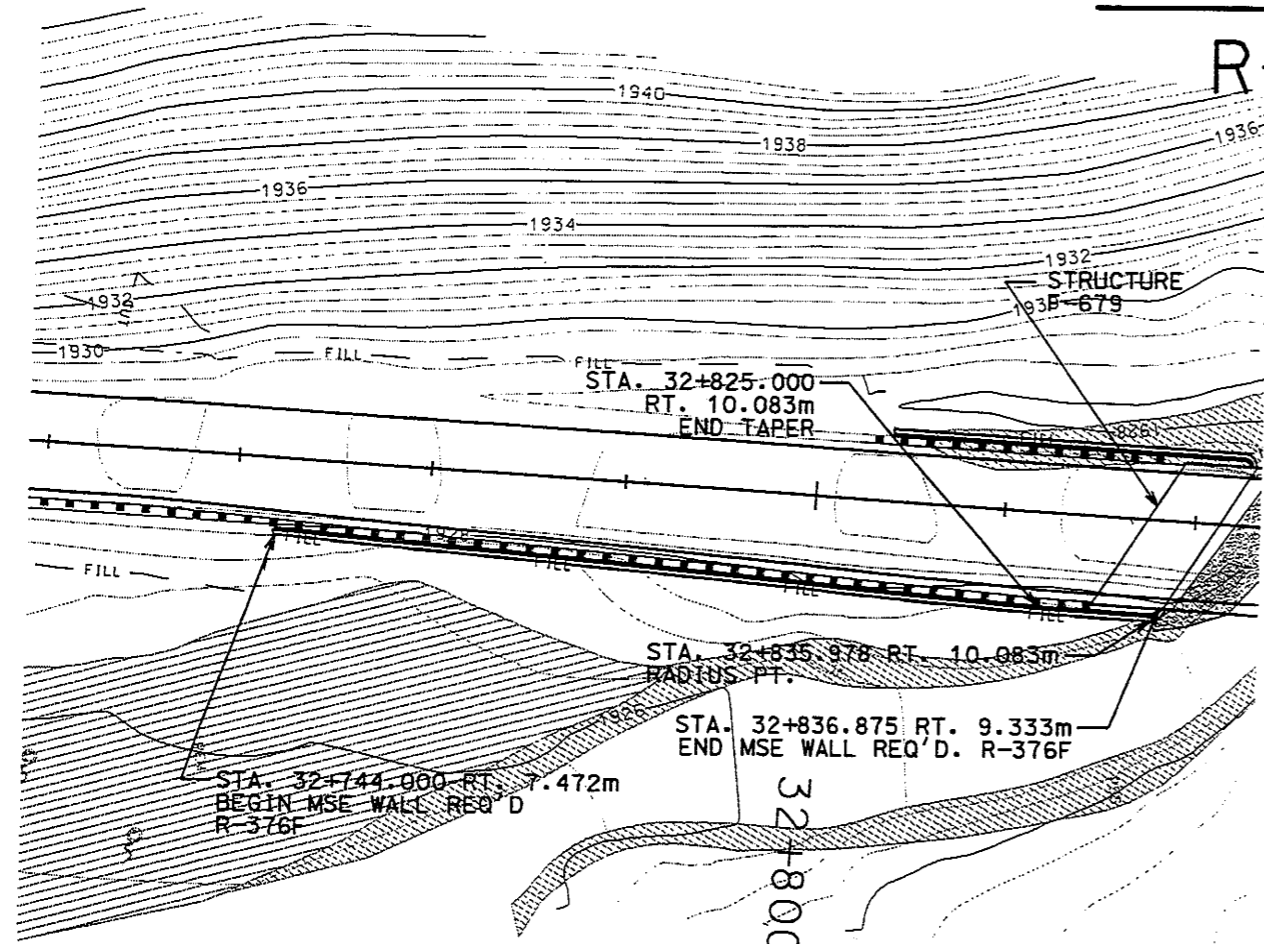
LOGAN CANYON: TONY GROVE	APPROVAL RECORD	DATE	APPROVED
TO FRANKLIN BASIN ROAD	9/25/00	9/25/00	9/25/00
WALL STRUCTURES	PROJECT MANAGER	DATE	DATE
	9/25/00	9/25/00	9/25/00
PROJECT NUMBER	*NH-0089(29)393		

CACHE COUNTY	DRG. NO. R-376E
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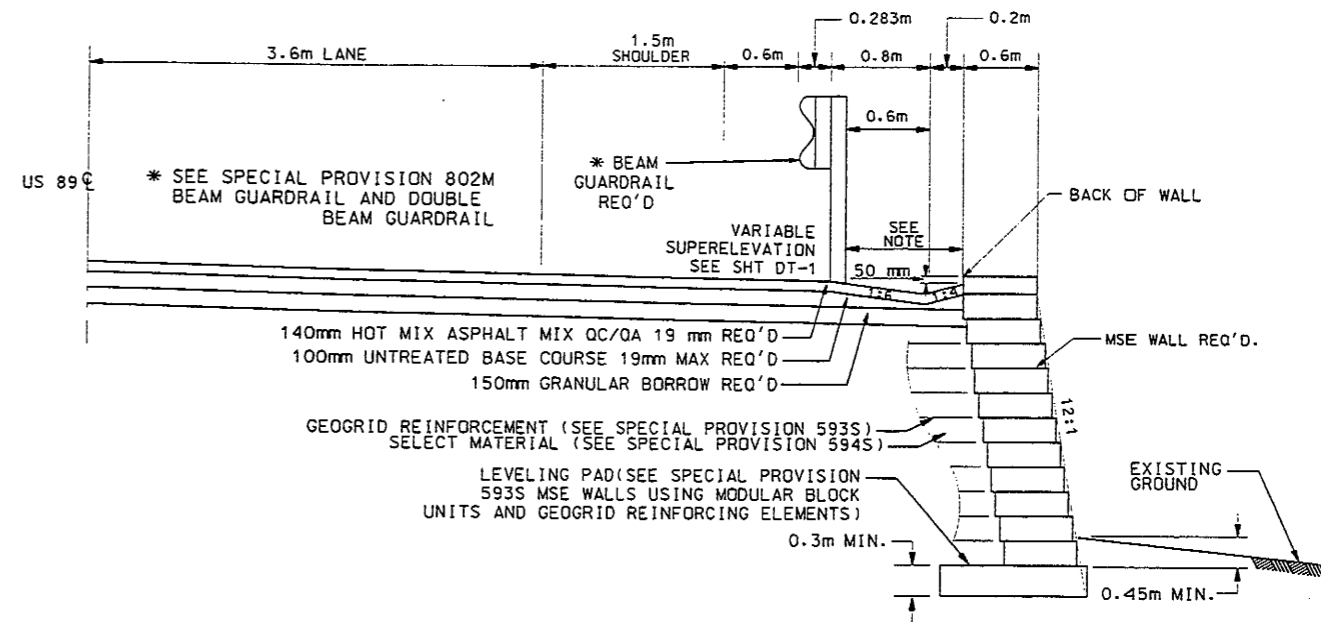
FILENAME: N:\Projects\584\317\Sheet1.dwg DATE: 8-SEP-2000 TIME: 12:05

# MSE WALL R-376F



## PLAN

NOTE:  
SEE SHEET EDT-1 FOR STONE SPILLWAY  
DETAIL AT BEGINNING OF WALL.  
SEE SHEET DT-6 FOR WALL/ABUTMENT  
TRANSITION DETAIL

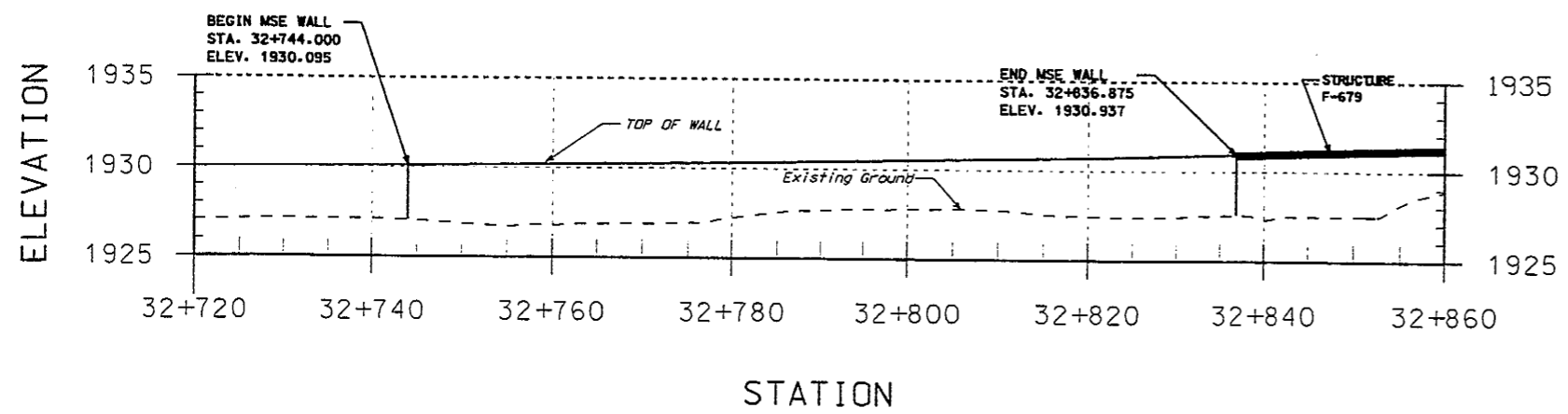


## CROSS SECTION

NOTE: FREE DRAINING GRANULAR BACKFILL REQ'D.  
BETWEEN BRIDGE PARAPET AND WALL  
(200mm THICK, 1.2 CU. M.)

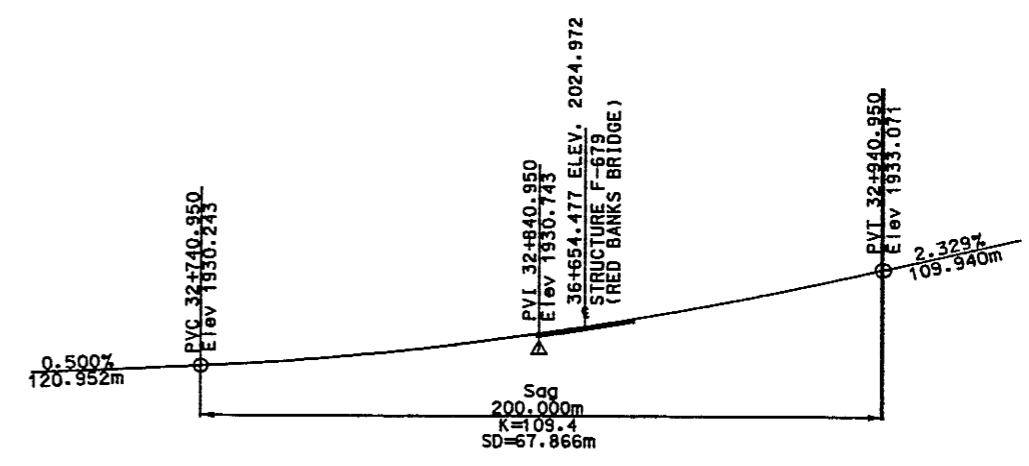
ALL STATIONS AND OFFSETS REFER  
TO THE BACK OF WALL.

## MSE WALL R-376F SCALED 2x VERT.



## PROFILE

## US89 PROFILE (NOT TO SCALE)

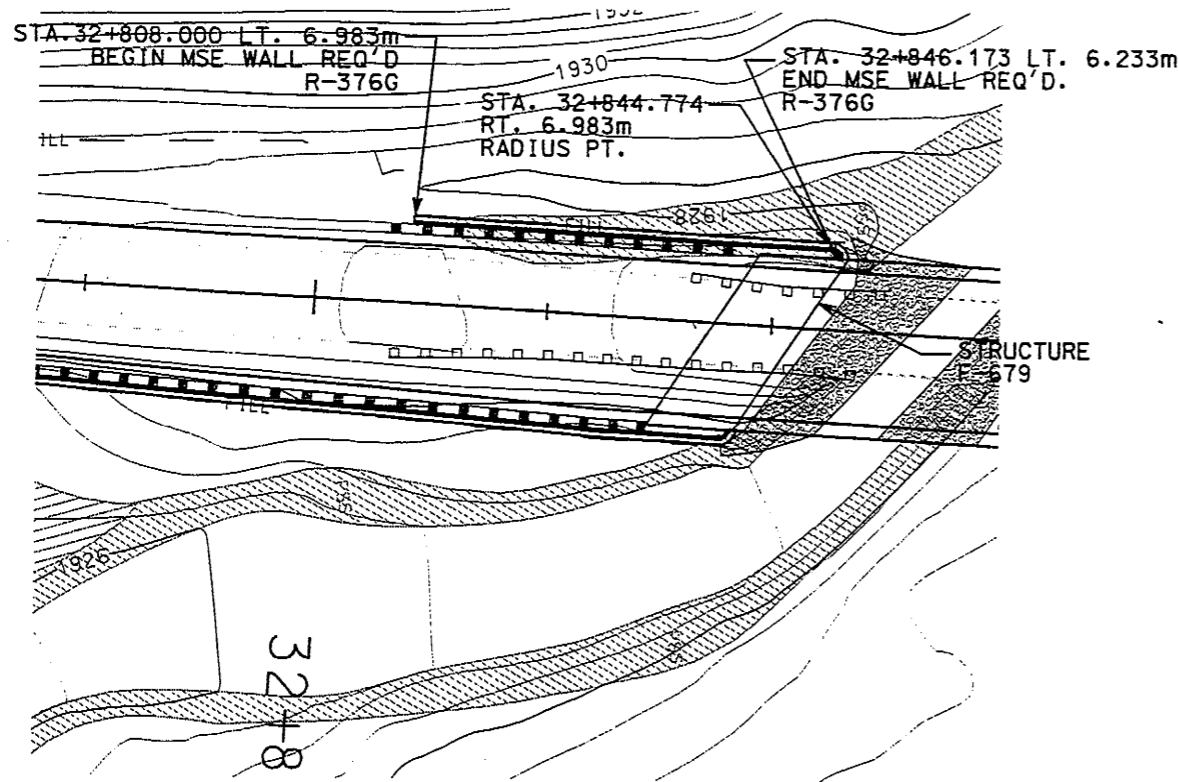


R-376F	
LENGTH (M)	AREA (M2)
93.272	334.8

UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN		DESIGN NO.	DATE	REVISIONS
LOGAN CANYON: TONY GROVE TO FRANKLIN BASIN ROAD WALL STRUCTURES	PROJECT NO. *NH-0089(29)393	DESIGN BY	DATE	REVISIONS
APPROVAL RECORD: 9/25/00 [Signature] PROJECT DESIGN ENGINEER		CHECK BY	DATE	REVISIONS
APPROVED: 9-25-00 [Signature] PLANS & ESTIMATES ENGINEER		CHECK BY	DATE	REVISIONS
PROJECT NUMBER *NH-0089(29)393		CHECK BY	DATE	REVISIONS
R-376F		CACHE COUNTY	DRG. NO. R-376F	

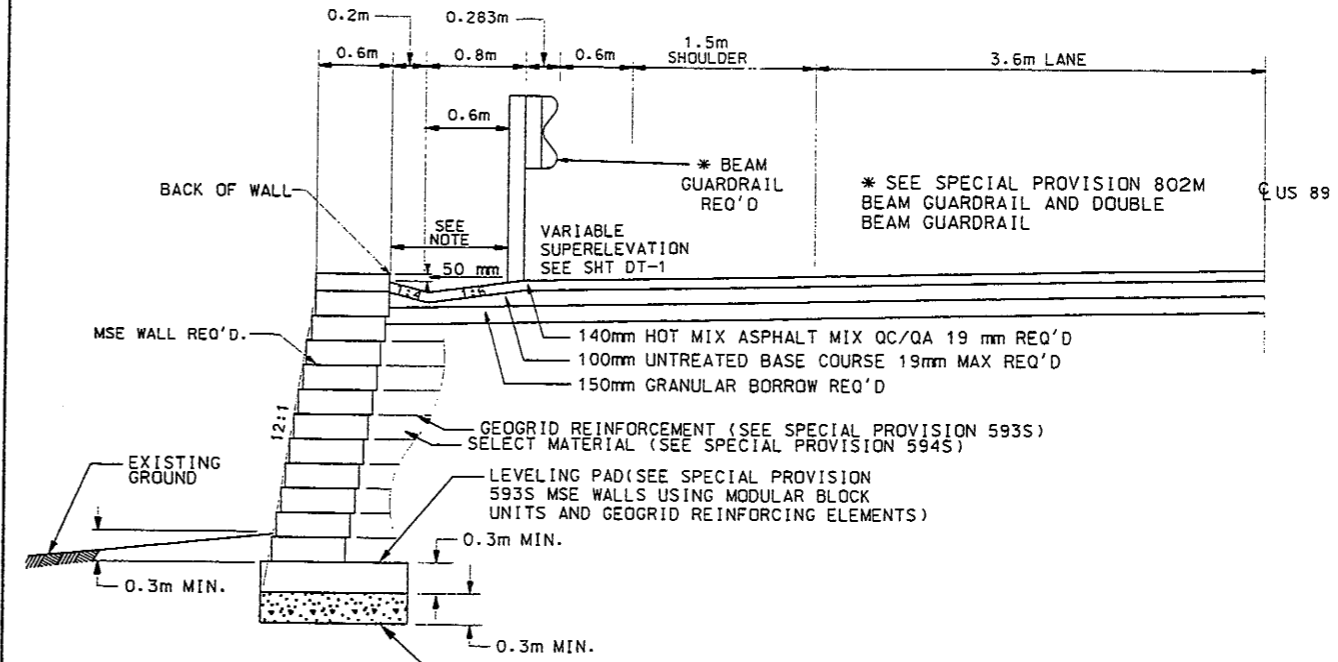
DATE: 21-SEP-2000 TIME: 09:35 FILENAME: N:\Projects\584\_91\Sheet\_Files\WallR-376F.dgn

# MSE WALL R-376G



**PLAN**

**NOTE:**  
SEE SHEET EDT-1 FOR STONE SPILLWAY  
DETAIL AT BEGINNING OF WALL.  
SEE SHEET DT-6 FOR WALL/ABUTMENT  
TRANSITION DETAIL

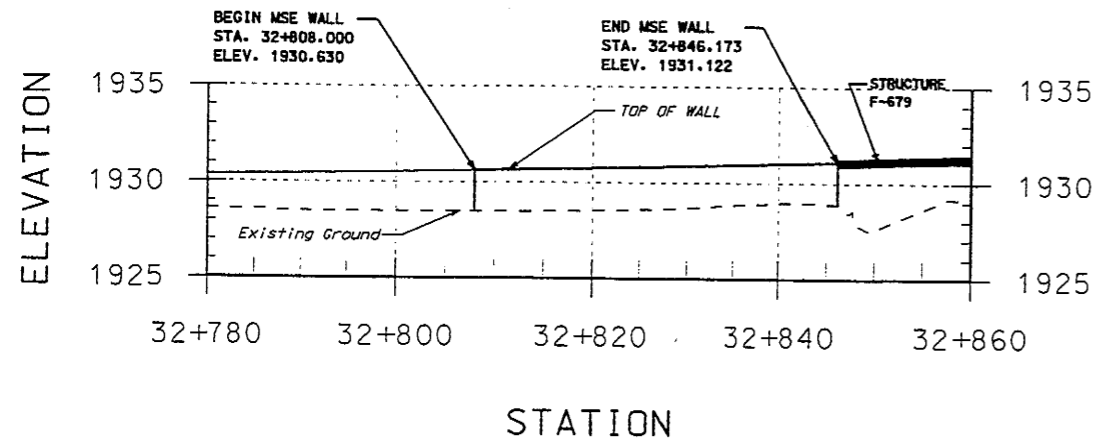


**CROSS SECTION**

**NOTE:** FREE DRAINING GRANULAR BACKFILL REQ'D.  
BETWEEN BRIDGE PARAPET AND WALL  
(200mm THICK, 1.2 CU. M.)

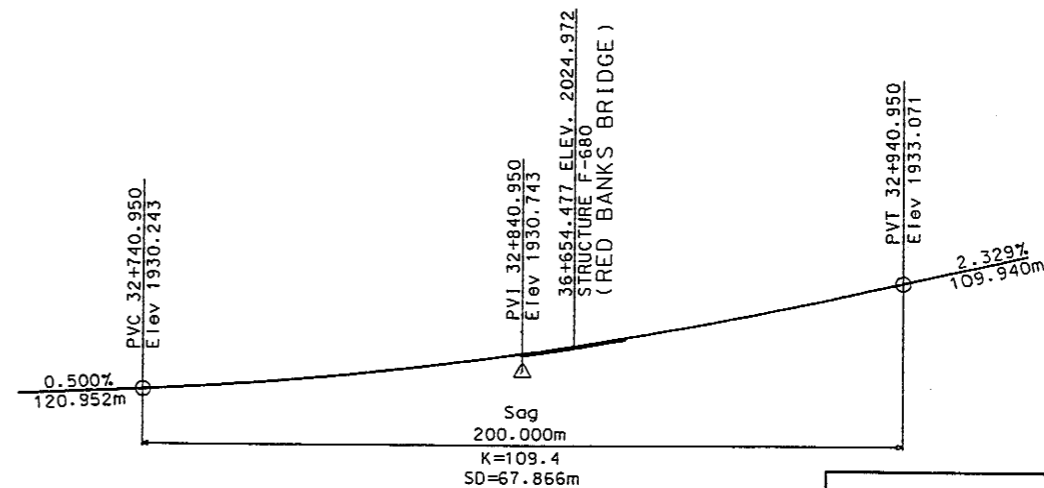
ALL STATIONS AND OFFSETS REFER  
TO THE BACK OF WALL.

**MSE WALL  
R-376G  
SCALED 2x VERT.**



**PROFILE**

**US89  
PROFILE  
(NOT TO SCALE)**



**R-376G**

LENGTH (M)	AREA (M2)
38.008	98.4

NO.	DATE	DESIGNER	CHECKER	REVISIONS

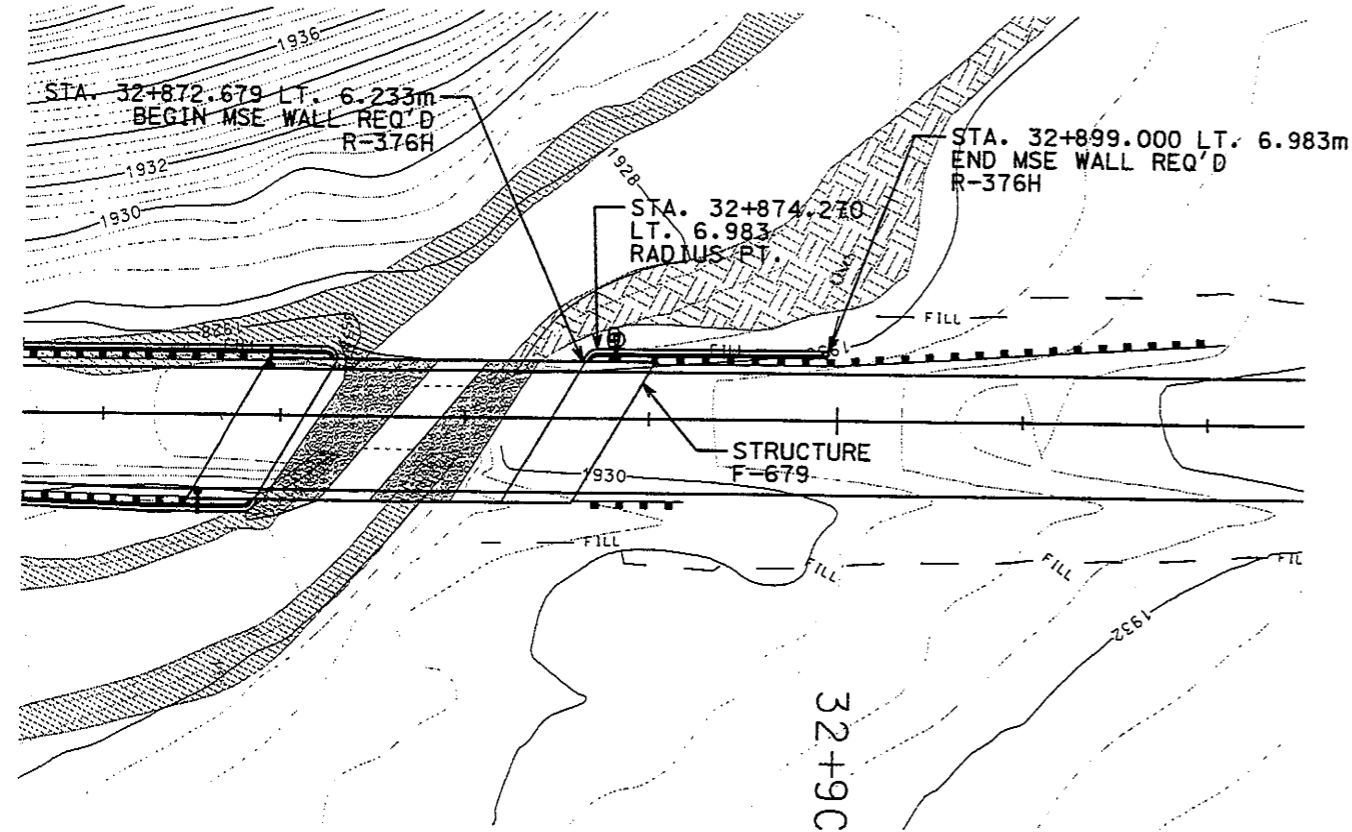
DESIGN	RJ	B/00	CHECK	RJ	B/00	REVIEW	RJ	B/00
DRAWN	BU	B/00	CHECK	BU	B/00	DATE		
QUANT.	BU	B/00	CHECK	BU	B/00	BY		

UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN
LOGAN CANYON; TONY GROVE TO FRANKLIN BASIN ROAD WALL STRUCTURES
PROJECT NUMBER *NH-0089(29)393
CACHE COUNTY
DRG. NO. R-376G

# PROFILE

DATE: 21-SEP-2000 TIME: 09:35 FILENAME: I:\Projects\584\_91\Sheet1\_Files\WallR-376G.dgn

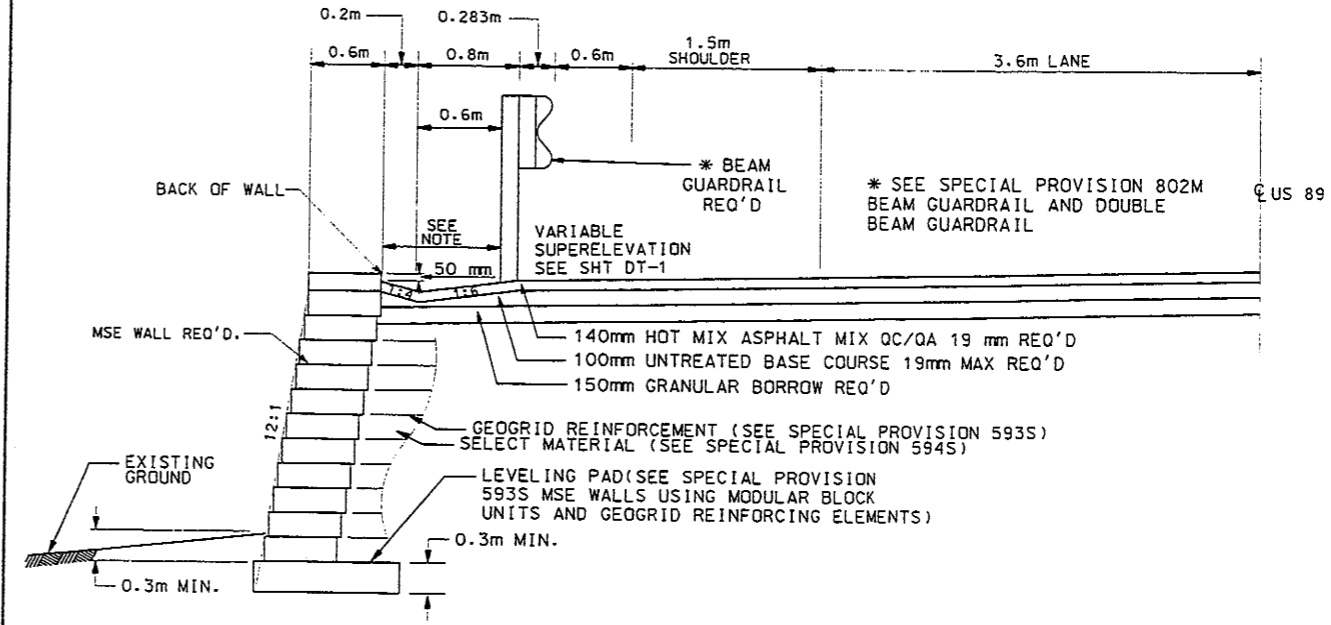
# MSE WALL R-376H



## PLAN

ALL STATIONS AND OFFSETS REFER TO THE BACK OF WALL.

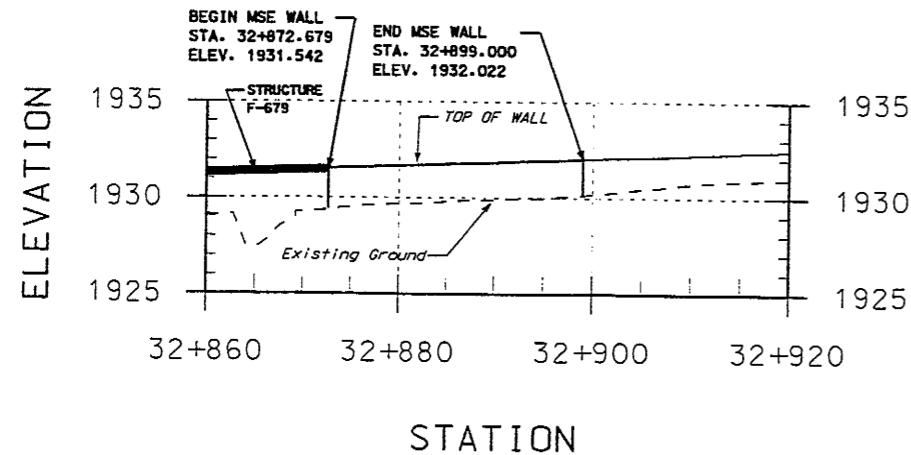
NOTE: SEE SHEET DT-6 FOR WALL/ABUTMENT AND END OF WALL TRANSITION DETAILS



## CROSS SECTION

NOTE: FREE DRAINING GRANULAR BACKFILL REQ'D. BETWEEN BRIDGE PARAPET AND WALL (200mm THICK, 1.2 CU. M.)

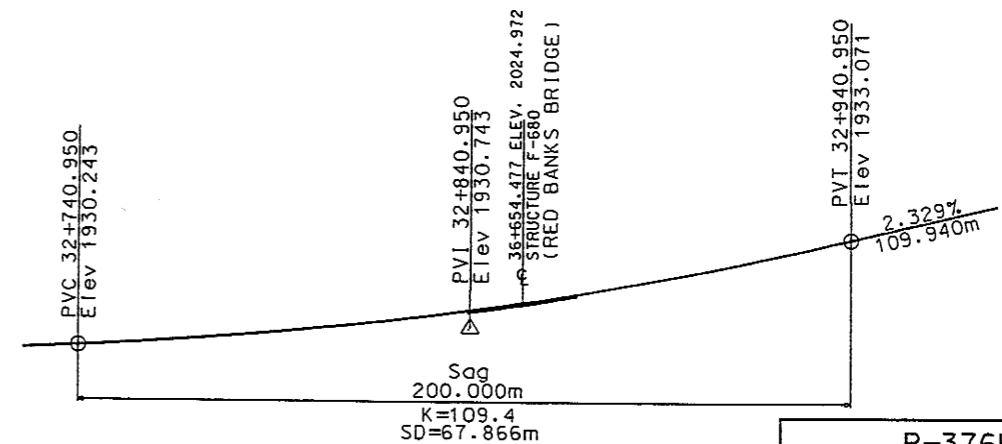
## MSE WALL R-376H (SCALED 2x VERT.)



STATION

## PROFILE

## US89 PROFILE (NOT TO SCALE)



R-376H

LENGTH (M)	AREA (M2)
25.801	62.8

NO.	DATE	DESIGN MAPS REQUESTED BY	REVISIONS

DESIGN	REVIEW	CHECK	BY	DATE
RJ	RJ	RJ	RJ	B/00
BU	BU	BU	BU	B/00
BU	BU	BU	BU	B/00

UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN
LOGAN CANYON; TONY GROVE TO FRANKLIN BASIN ROAD WALL STRUCTURES
PROJECT NUMBER *NH-0089(29)393
CACHE COUNTY
DRG. NO. R-376H

DATE: 12-SEP-2000 TIME: 07:26 FILENAME: N:\Projects\584\97\Sheet\Files\Wall\R-376H.dgn

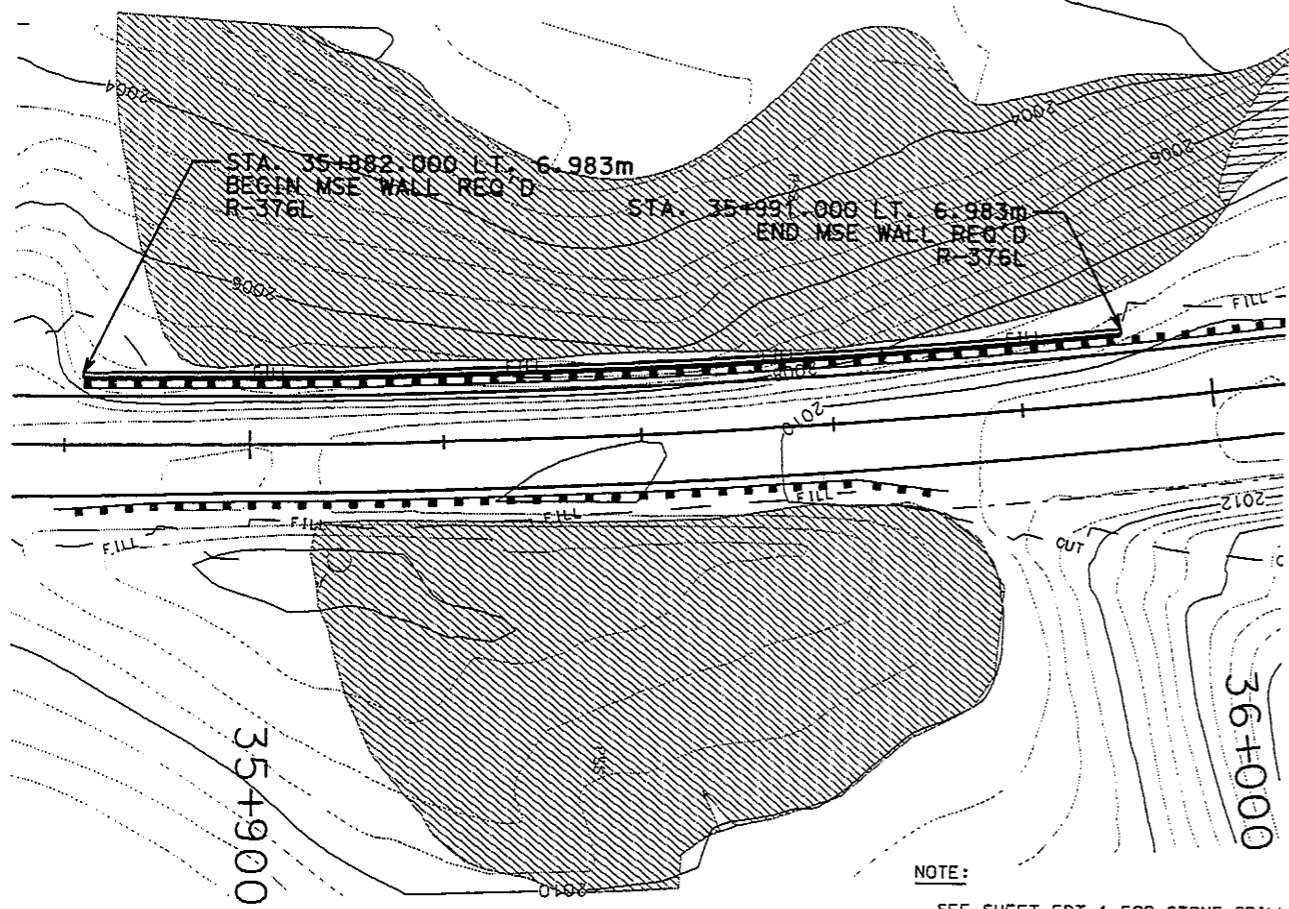
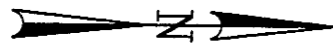








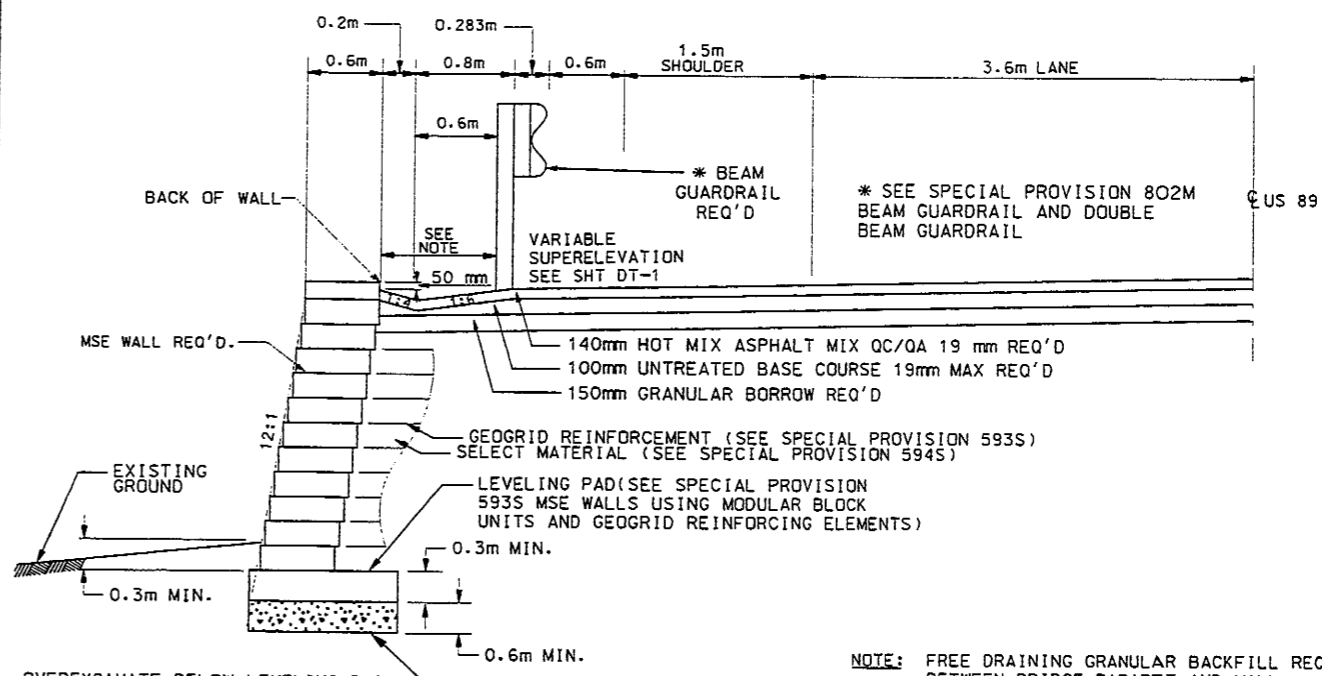
# MSE WALL R-376L



## PLAN

ALL STATIONS AND OFFSETS REFER TO THE BACK OF WALL.

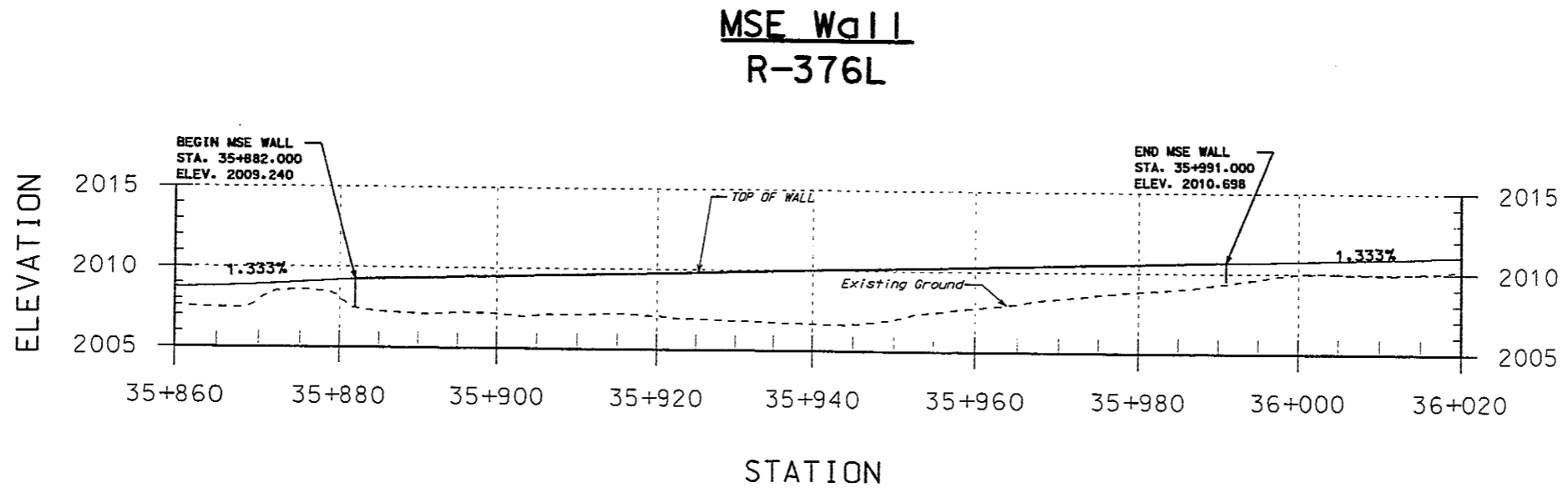
NOTE:  
SEE SHEET EDT-1 FOR STONE SPILLWAY DETAIL AT BEGINNING OF WALL.  
SEE SHEET DT-6 FOR WALL TRANSITION DETAIL AT END OF WALL.



## CROSS SECTION

OVEREXCAVATE BELOW LEVELING PAD A MINIMUM OF 0.60m (OR AS OTHERWISE DIRECTED BY THE ENGINEER) AND PLACE STABILIZATION ROCK AS PER SPECIAL PROVISION 595S

NOTE: FREE DRAINING GRANULAR BACKFILL REQ'D. BETWEEN BRIDGE PARAPET AND WALL.



## PROFILE

R-376L	
LENGTH (M)	AREA (M2)
109.0	317.2

UTAH DEPARTMENT OF TRANSPORTATION  
REGION ONE - OGDEN, UTAH  
ROADWAY DESIGN

LOGAN CANYON; TONY GROVE  
TO FRANKLIN BASIN ROAD  
WALL STRUCTURES

PROJECT NUMBER: \*NH-0089(29)393

DATE: 9/15/00  
DESIGNER: [Signature]  
CHECKED: [Signature]  
DATE: 8-25-00  
ESTIMATOR: [Signature]

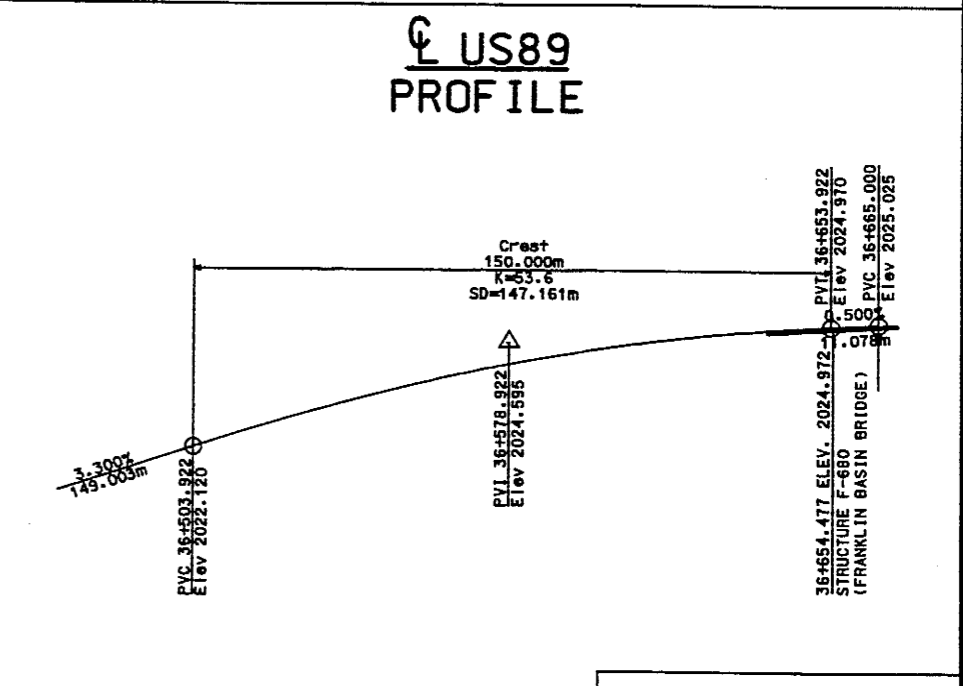
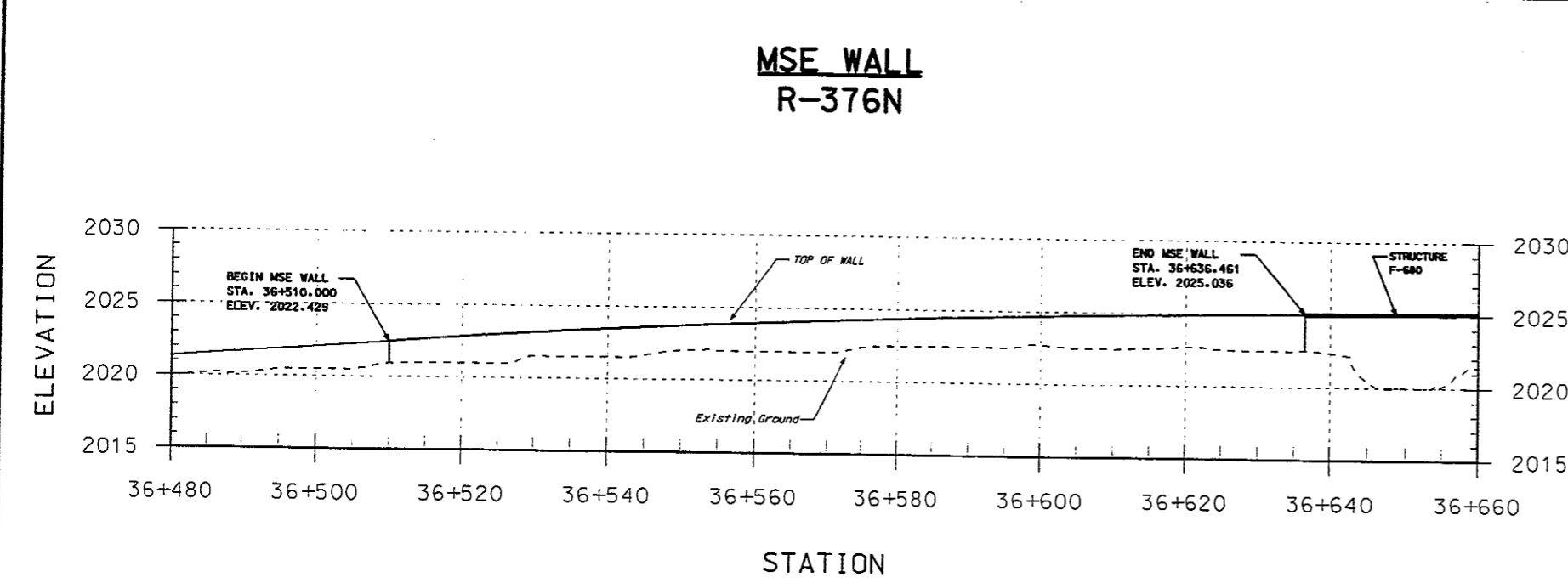
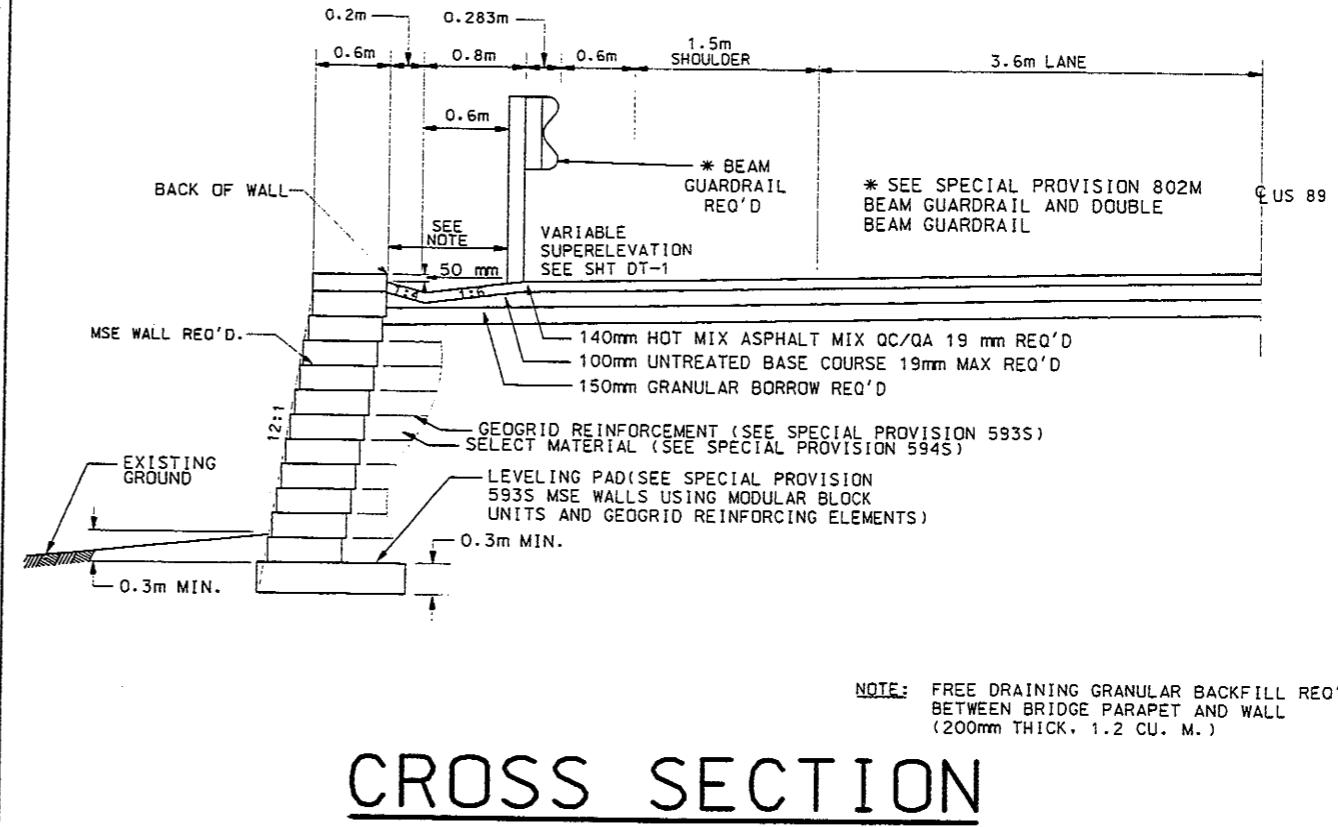
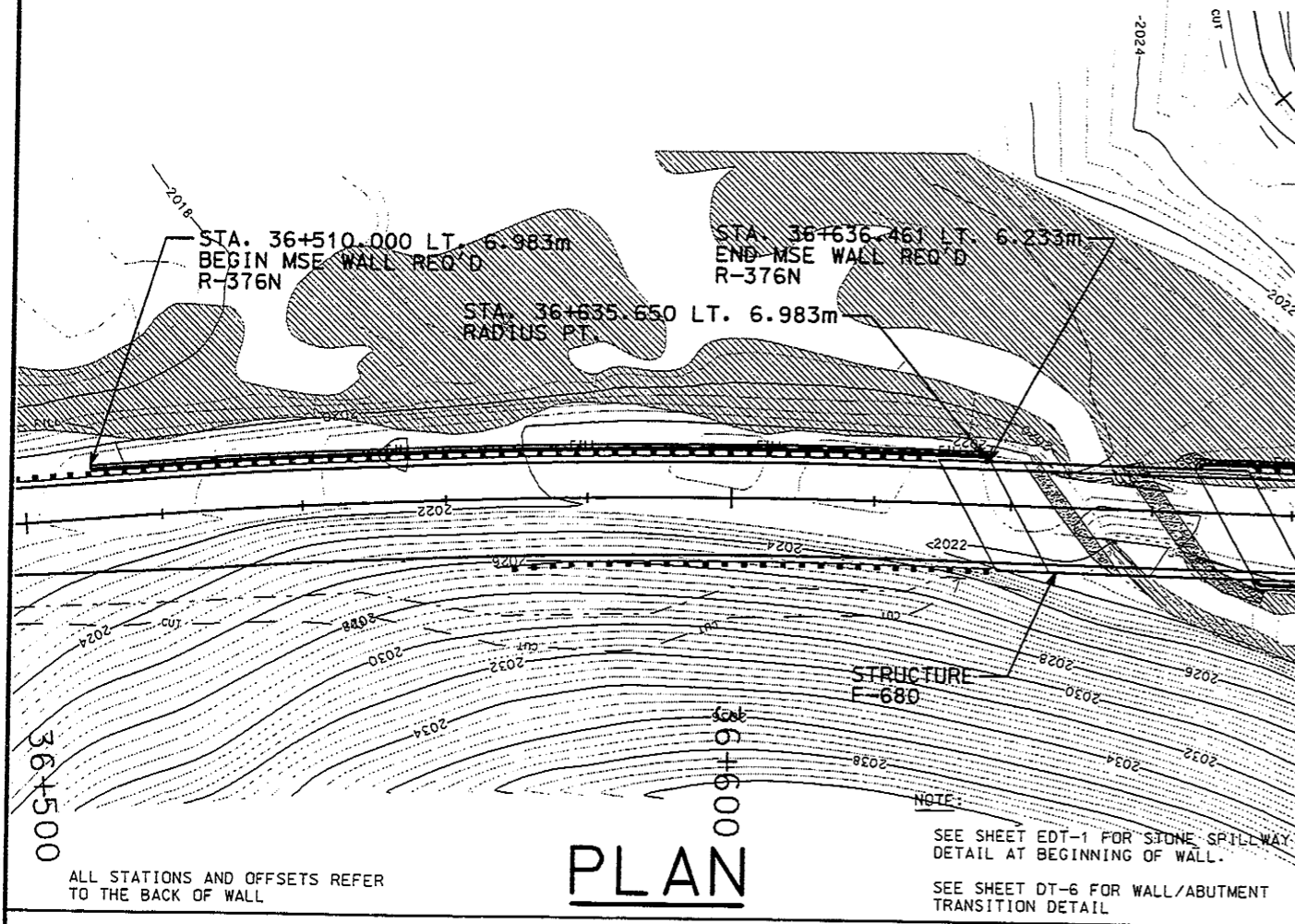
NO.	DATE	DESIGNER	PARCEL(S) REQUESTED	REVISIONS

ORIGINAL SUBMISSION FOR AUTHORIZATION

FILENAME: R:\Projects\364\_91\Sheet\_376L.dgn  
 DATE: 21-SEP-2000  
 TIME: 13:56



# MSE WALL R-376N



## PROFILE

R-376N	
LENGTH (M)	AREA (M2)
127.576	307.5

UTAH DEPARTMENT OF TRANSPORTATION  
 REGION ONE - OGDEN, UTAH  
 ROADWAY DESIGN

LOGAN CANYON; TONY GROVE  
 TO FRANKLIN BASIN ROAD  
 WALL STRUCTURES

PROJECT NUMBER \*NH-0089(29)393

APPROVAL RECORD: 9/25/20  
 PROJECT DESIGN ENGINEER: [Signature]  
 DATE: 9/25/20  
 APPROVED: 9/25/20  
 DATE: 9/25/20  
 CIVIL ENGINEER: [Signature]  
 ESTIMATOR: [Signature]

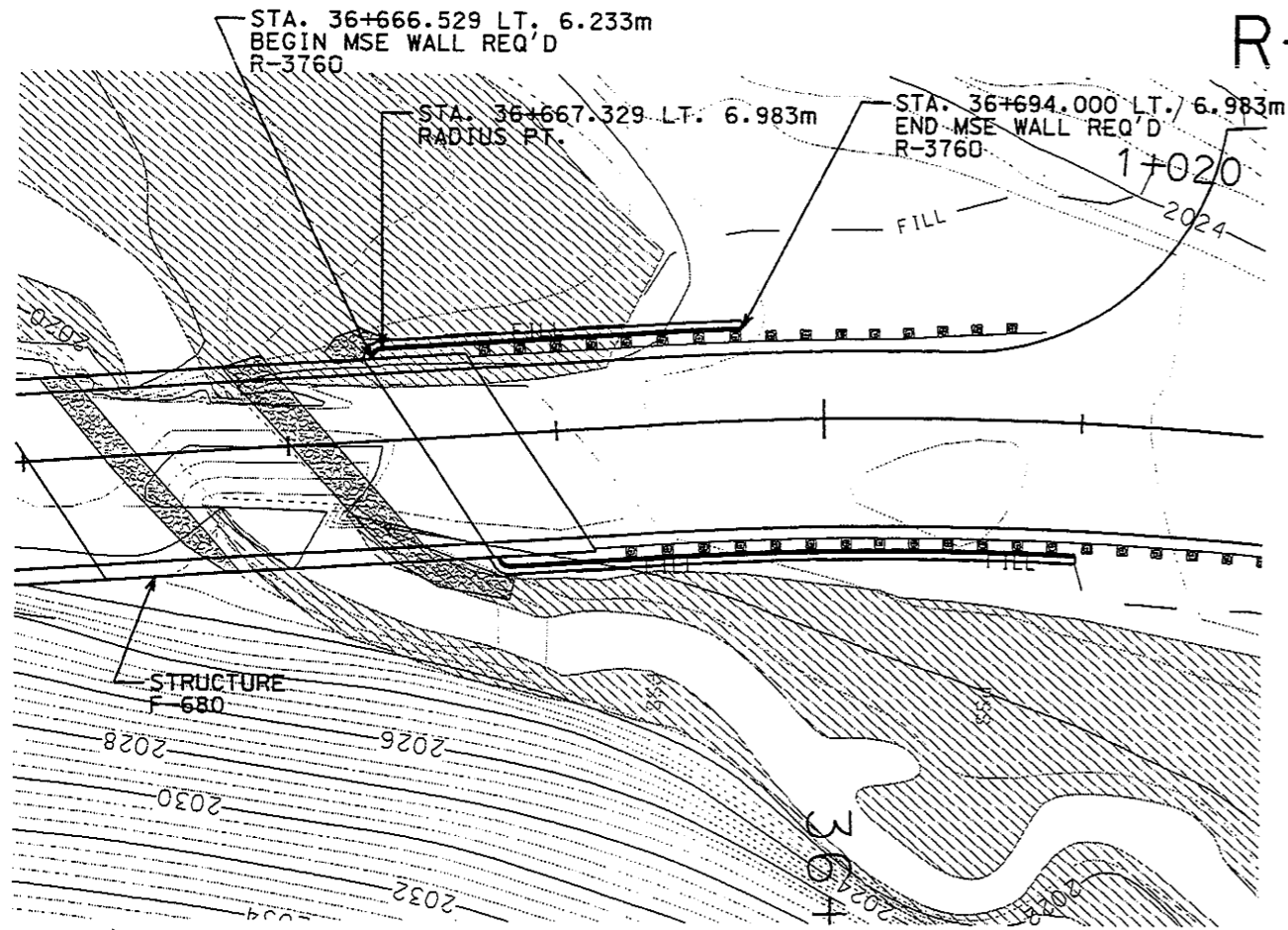
NO.	DATE	REVISIONS

ORIGINAL SUBMISSION FOR AUTHORIZATION

FILENAME: H:\Projects\584\_376\Sheet\Files\WallR-376N.dgn  
 DATE: 12-SEP-2020  
 TIME: 07:27

ORG. NO. R-376N

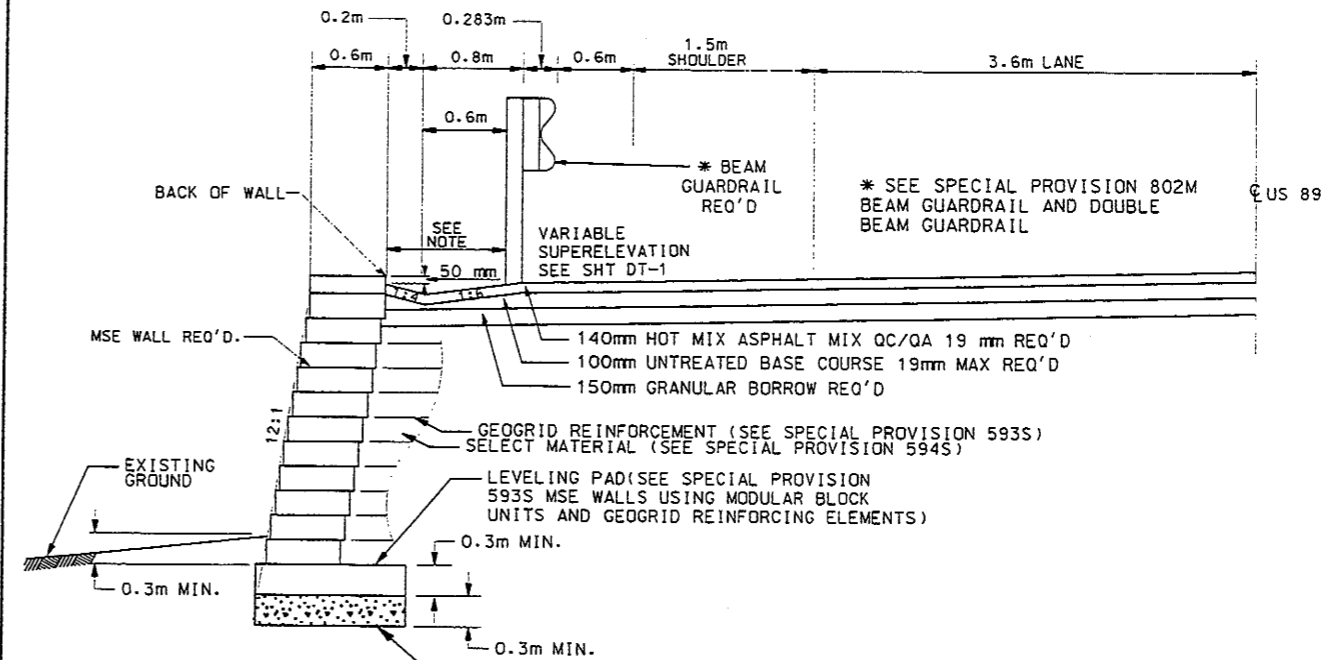
# MSE WALL R-3760



## PLAN

ALL STATIONS AND OFFSETS REFER TO THE BACK OF WALL

NOTE:  
SEE SHEET DT-6 FOR WALL/ABUTMENT AND END OF WALL TRANSITION DETAILS



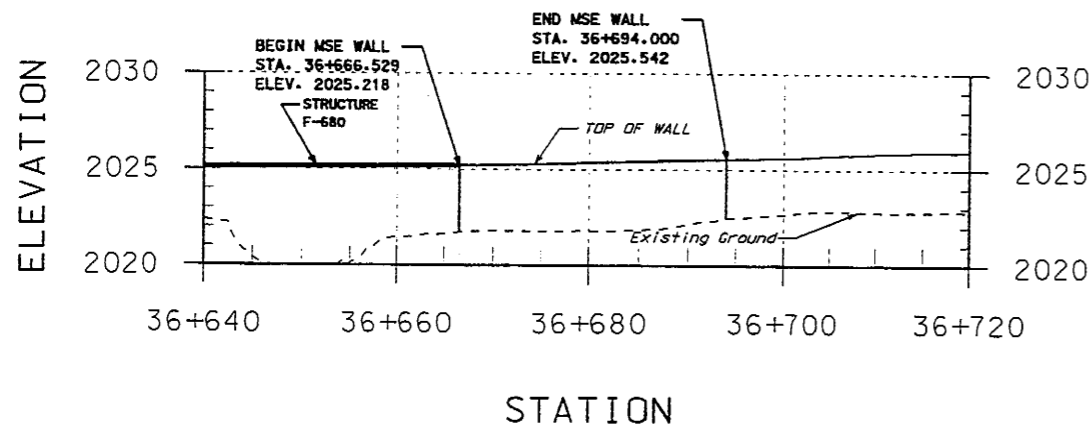
OVEREXCAVATE BELOW LEVELING PAD A MINIMUM OF 0.30m (OR AS OTHERWISE DIRECTED BY THE ENGINEER) AND PLACE STABILIZATION ROCK AS PER SPECIAL PROVISION 595S

NOTE: FREE DRAINING GRANULAR BACKFILL REQ'D. BETWEEN BRIDGE PARAPET AND WALL (200mm THICK, 1.2 CU. M.)

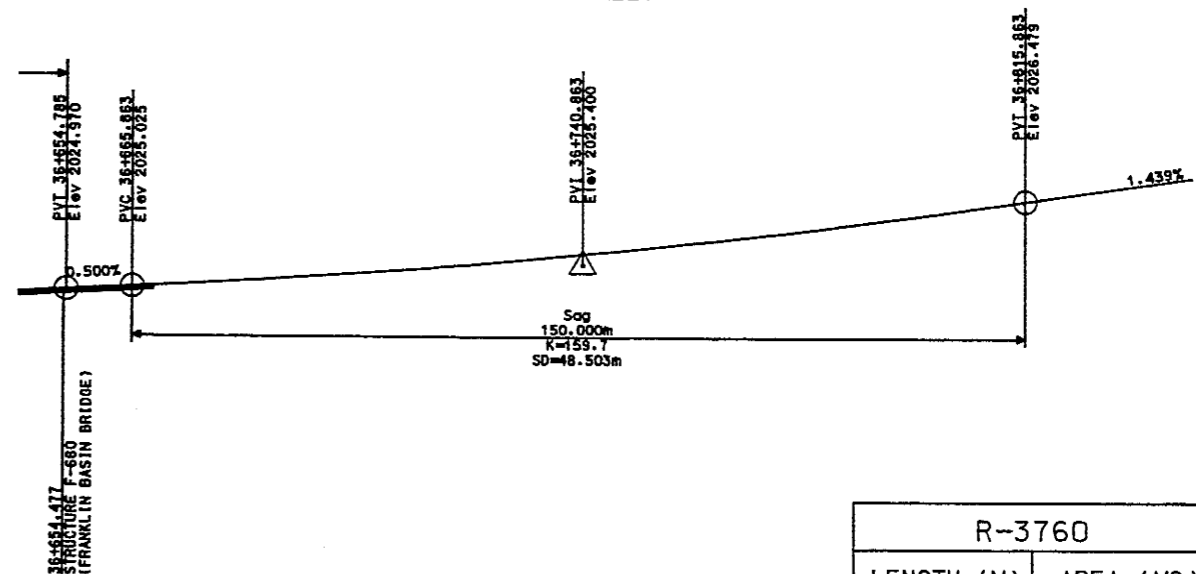
## CROSS SECTION

## MSE WALL R-3760

SCALED 2x VERT.



## US 89 PROFILE (NOT TO SCALE)



## PROFILE

R-3760	
LENGTH (M)	28.035
AREA (M <sup>2</sup> )	108.6

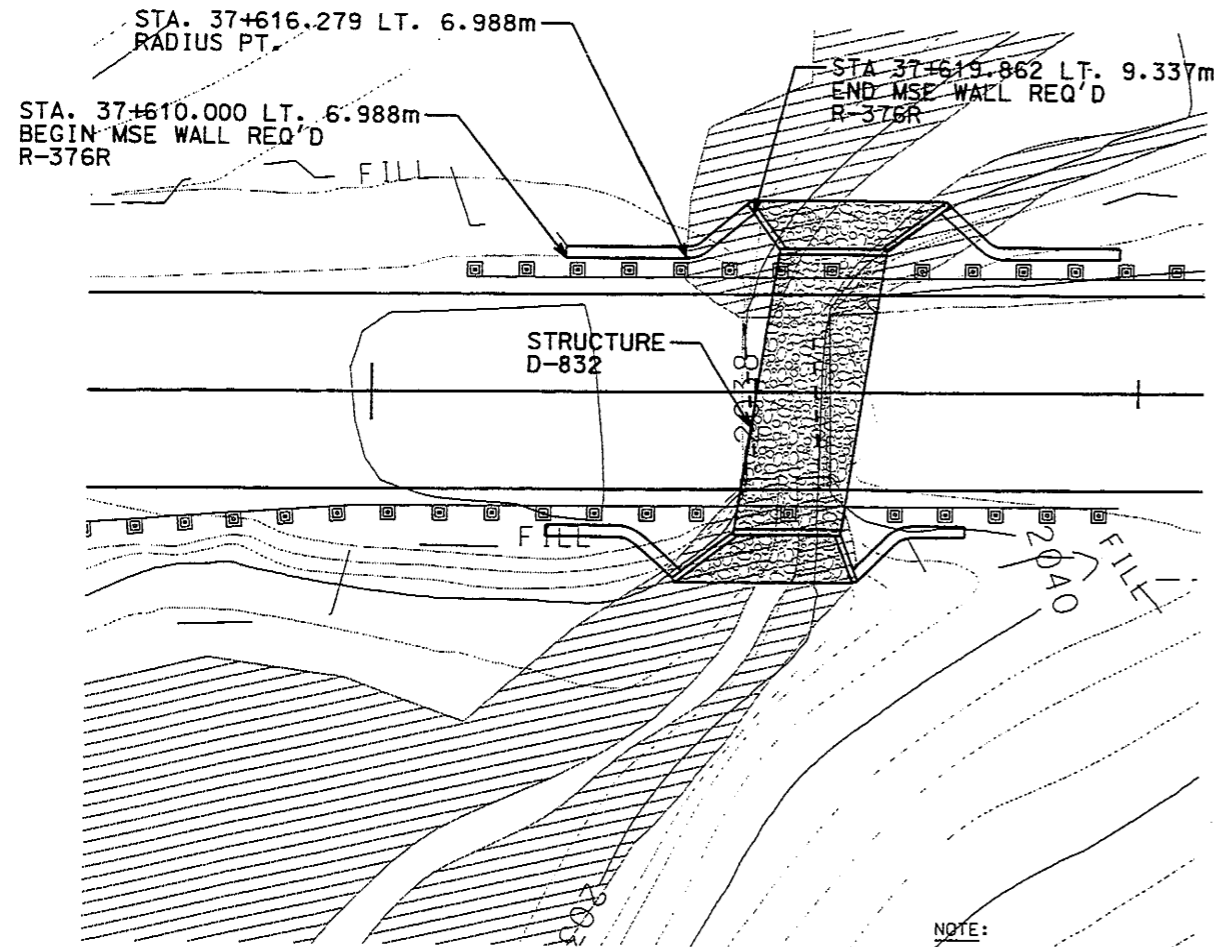
UTAH DEPARTMENT OF TRANSPORTATION REGION ONE - OGDEN, UTAH ROADWAY DESIGN		DESIGN	REVIEW
LOGAN CANYON; TONY GROVE TO FRANKLIN BASIN ROAD	WALL STRUCTURES	DATE	DATE
PROJECT NUMBER	*NH-0089(29)393	QUANT.	BY
CACHE COUNTY	R-3760	DATE	DATE
DRG. NO.	R-3760	DATE	DATE





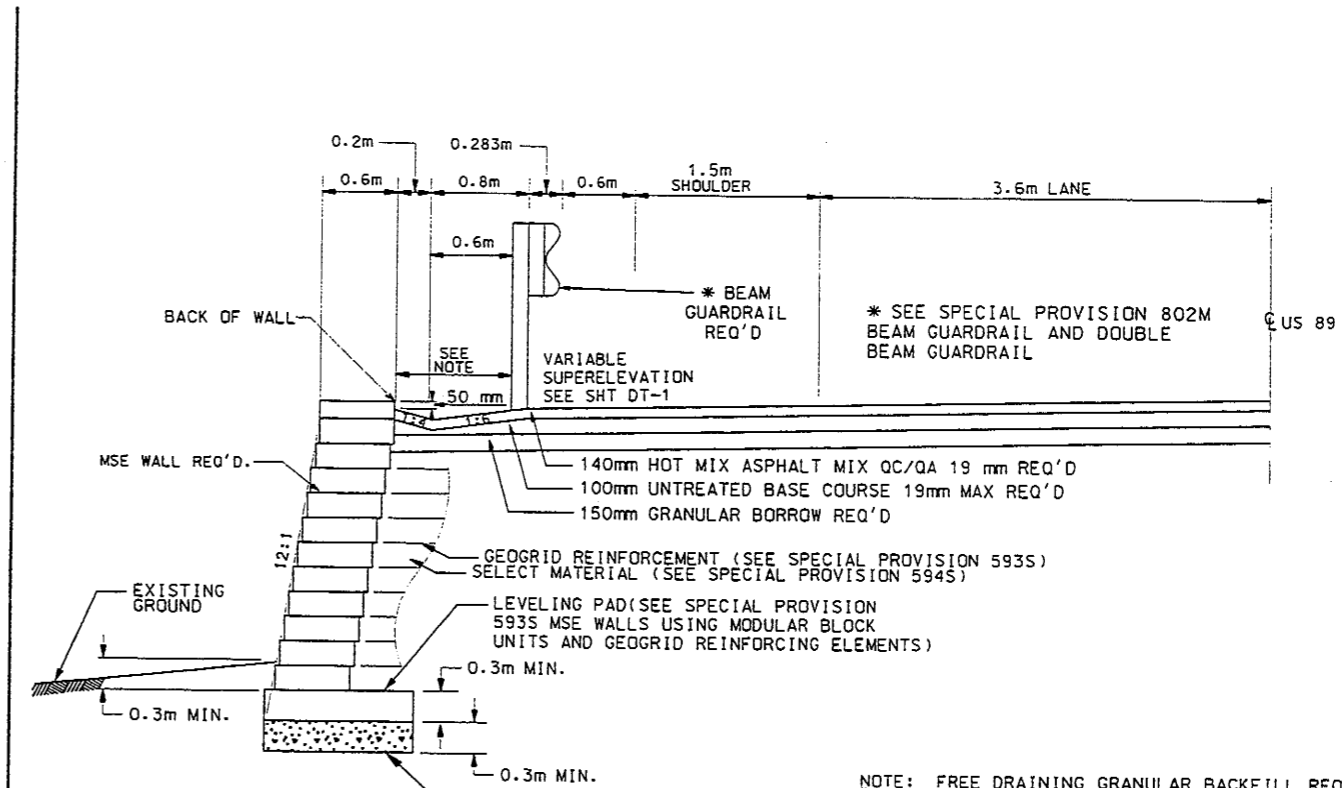


# MSE WALL R-376R



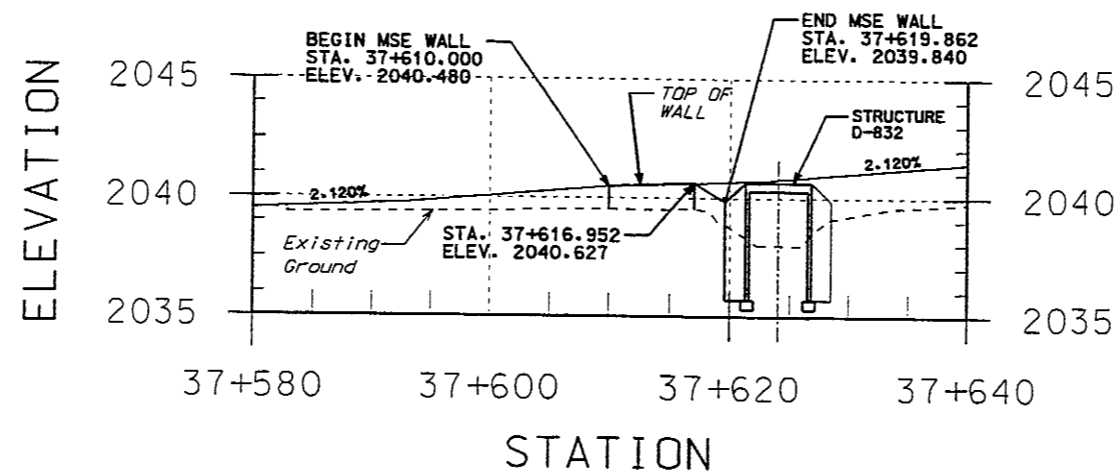
## PLAN

NOTE:  
 SEE SHEET EDT-1 FOR STONE SPILLWAY DETAIL AT BEGINNING OF WALL  
 END OF WALL TO BE FLUSH WITH BACK OF BOX CULVERT WINGWALL



## CROSS SECTION

### MSE WALL R-376R (SCALED 2x VERT.)



## PROFILE

R-376R		CACHE
LENGTH (M)	AREA (M <sup>2</sup> )	COUNTY
10.439	13.2	ORG. NO. R-376R

FILENAME: N:\Projects\584\_97\Sheet1\_Files\WMA-R-376R.dgn  
 DATE: 02-FEB-2008  
 TIME: 15:41

UTAH DEPARTMENT OF TRANSPORTATION  
 REGION ONE - OGDEN, UTAH  
 ROADWAY DESIGN  
 LOGAN CANYON; TONY GROVE  
 TO FRANKLIN BASIN ROAD  
 WALL STRUCTURES  
 PROJECT NUMBER \*NH-0089(29)393  
 APPROVAL RECORD: DATE 2/13/08 PROJECT DESIGN ENGINEER [Signature] DATE 2/13/08  
 APPROVED [Signature] DATE 2/13/08  
 DESIGNER: R.J. [Signature] CHECKER: B.H. [Signature] REVIEWER: [Signature]  
 DRAWN: B.U. [Signature] CHECKER: R.J. [Signature] DATE: 8/00  
 QUANT.: B.U. [Signature] CHECKER: R.J. [Signature] DATE: 8/00  
 ORIGINAL SUBMISSION FOR AUTHORIZATION  
 NO. DATE  
 DESIGN MAP PARCELS REQUEST  
 DATE DATE DATE  
 REVISIONS



