LAX

PROJECT ID: 1674-00-74
WITH: N/A

COUNTY: SAUK

JAN 08

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile (Incudes Erosion Control Plans)
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
~~Section No.~~	~~8~~	~~Structure Plans~~
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 314

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1674-00-74	STP 2007527	1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

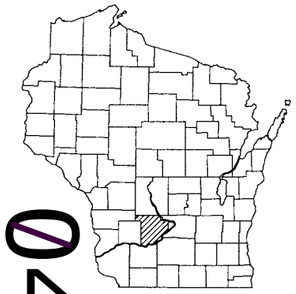
LAKE DELTON - SAUK CITY ROAD

I90/94 TO TERRYTOWN ROAD

U.S.H. 12

SAUK COUNTY

STATE PROJECT NUMBER
1674-00-74



04

N

DESIGN DESIGNATION

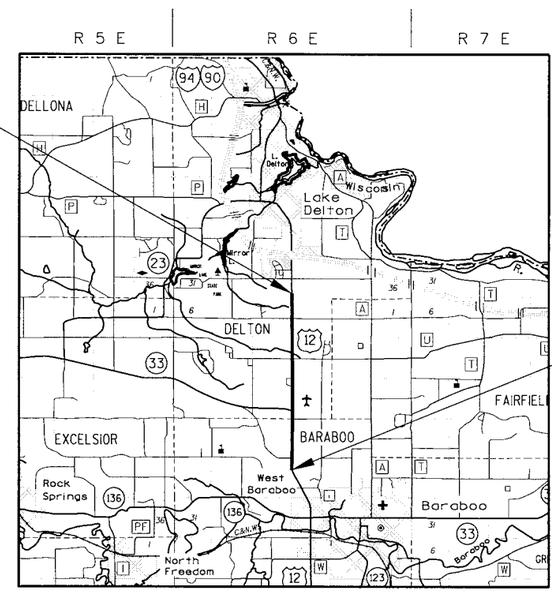
		(N. OF STH 33 WEST)	(S. OF STH 33 WEST)
A.A.D.T. (2008)	=	17,906	19,596
A.A.D.T. (2028)	=	26,494	12,784
D.H.V. (2028)	=	2,650	1,279
D.	=	57/43	57/43
T.	=	8.0%	8.0%
DESIGN SPEED	=	55 MPH	55 MPH
ESALS	=	3,847,100	

CONVENTIONAL SYMBOLS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE (P.L. + 58.1)
LOT LINE
LIMITED EASEMENT
EARTHWORK BALANCE POINT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SURVEY LINE
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
MARSH AREA
WOODED OR SHRUB AREA

COMBUSTIBLE FLUIDS (CAUTION)
UNDERGROUND UTILITIES
GAS (G)
ELECTRIC (E)
TELEPHONE OR TELEGRAPH (T)
TV/CABLE (TV)
SERVICE PEDESTAL
POWER POLE
TELEPHONE POLE
RAILROAD
SANITARY SEWER (SAN)
STORM SEWER (SS)
WATER (W)
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
CULVERT (Profile View)

BEGIN PROJECT
STA 54+00.00
Y = 268713.857
X = 641281.238



END PROJECT
STA 301+32.00

LAYOUT
SCALE 0 2 MI.

TOTAL NET LENGTH OF CENTERLINE = 4.684 MI.

Coordinates on this plan are referenced to the Wisconsin County Coordinate System (WCCS), Sauk County.

ORIGINAL PLANS PREPARED BY:
SHORT ELLIOTT HENDRICKSON, INC.

WISCONSIN PROFESSIONAL ENGINEER
BRIAN E. SMITS
E-27284
CHIPPEWA FALLS
WI
4/30/07

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WisDOT/SEH INC
Designer	SEH INC
Project Manager	ANNE WALLACE
Region Examiner	ANNE WALLACE
Region Supervisor	JOHN VON RUDEN
C.O. Examiner	Jane E. Englebretson

APPROVED FOR THE DEPARTMENT
DATE: 4/26/07 (Signature)

E

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
CE	COMMERCIAL ENTRANCE
CL OR C/L OR ℄	CENTER LINE
△	CENTRAL ANGLE OR DELTA
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPCS	CULVERT PIPE CORRUGATED STEEL
CR	CREEK
CY	CUBIC YARD
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
X	EAST GRID COORDINATE
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EOR	END POINT OF RADIUS
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FC	FACE OF CURB
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC
CWT	HUNDREDWEIGHT
HDPE	HIGH DENSITY POLYETHYLENE
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE ON PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
MOR	MID POINT OF RADIUS
NC	NORMAL CROWN
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PE	PRIVATE ENTRANCE
PVRC	POINT OF VERTICAL REVERSE CURVE
QOR	QUARTER POINT OF RADIUS
R	RADIUS
RCBC	REINFORCED CONCRETE BOX CULVERT
REQ'D	REQUIRED
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RDWY	ROADWAY
R/L OR ℞	REFERENCE LINE
SALV	SALVAGED
SAN	SANITARY SEWER
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SE	SUPERELEVATION RATE
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
VAR	VARIABLE
VC	VERTICAL CURVE
Y	NORTH GRID COORDINATE
YD	YARD

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION LAYOUT DETAILS
SIGNING
TRAFFIC SIGNALS
PAVEMENT MARKING
TRAFFIC CONTROL
SURVEY TIES
ALIGNMENT DIAGRAM

DIGGERS HOTLINE
FOR FIELD LOCATES
CALL: 1.800.242.8511
www.DiggersHotline.com

UTILITY CONTACTS

CENTURY TEL
130 4TH AVE
PO BOX 49
BARABOO, WI 53913
TELEPHONE: 608.355.7501
MOBILE: 608.797.2646
ATTENTION: STEVEN BISHOP

CHARTER COMMUNICATIONS
2701 DANIELS STREET
MADISON, WI 53718
TELEPHONE: 608.274.3822
MOBILE: 608.444.9493
ATTENTION: BRANDON STORM

HO-CHUNK HOUSING (WATER)
PO BOX 170
TOMAH, WI 54660
TELEPHONE: 608.374.3953
MOBILE: 608.387.9708
ATTENTION: STEVE CHRISTOPHERSON

ALLIANT ENERGY CORPORATION
490 SHAKERAG STREET
MINERAL POINT, WI 53565
TELEPHONE: 608.458.4239
MOBILE: 608.575.8951
ATTENTION: ALAN AMES

VILLAGE OF WEST BARABOO (WATER & SANITARY)
PO BOX 261
500 CEDAR STREET
WEST BARABOO, WI 53913
TELEPHONE: 608.356.2516
MOBILE: 608.963.6508
ATTENTION: ROBERT DEMARS

SAUK COUNTY EMERGENCY MGMT BLDGS & SAFETY
4405 CTH P
DE PERE, WI 54115
TELEPHONE: 920.819.4791
ATTENTION: ELLIS MCFADZEN

HO-CHUNK PLANNING & DEVELOPMENT DIVISION
PO BOX 667
BLACK RIVER FALLS, WI 54615
MOBILE: 715.797.1894
ATTENTION: LISA FLICK

DESIGN CONTACT

SEH INC.
421 FRENETTE DRIVE
CHIPPEWA FALLS, WI 54729
TELEPHONE: 715.720.6200
ATTENTION: BRIAN SMITS

DNR CONTACT

WI DEPT OF NATURAL RESOURCES
SOUTH CENTRAL REGION HEADQUARTERS
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
TELEPHONE: 608.275.3481
ATTENTION: RON GRASSHOFF

GENERAL NOTES

WHEN THE QUANTITY OF BASE AGGREGATE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH SALVAGED TOPSOILED, FERTILIZED, SEEDED AND MULCHED.

THE EXACT LOCATION OF ALL DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

ALL CURB AND GUTTER RADII, PAVEMENT DIMENSIONS AND STATIONS ARE SHOWN TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.

ALL SIDE ROAD EARTHWORK QUANTITIES ARE INCLUDED IN MAINLINE EARTHWORK QUANTITIES.

A VERTICAL SAWCUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS AND PAVEMENTS AT REMOVAL LIMITS.

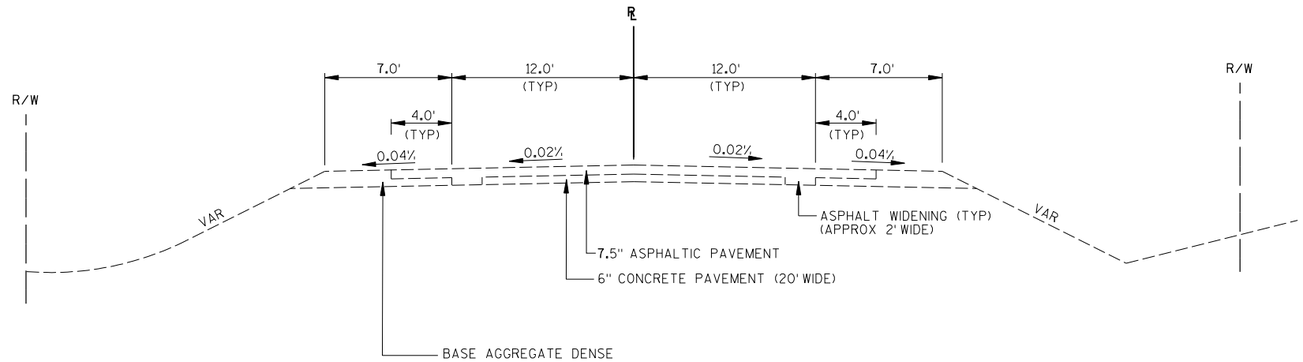
ASPHALTIC SURFACE/HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING LAYER THICKNESSES:

PAVEMENT THICKNESS (INCH)	LOWER (INCH)	NOM AGG SIZE (mm)	MIDDLE (INCH)	NOM AGG SIZE (mm)	UPPER (INCH)	NOM AGG SIZE (mm)
5.0	3.25	19.0	----	----	1.75	12.5
5.5	3.75	19.0	----	----	1.75	12.5
6.0	4.00	19.0	----	----	2.00	12.5

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING OR PASSING LANE.

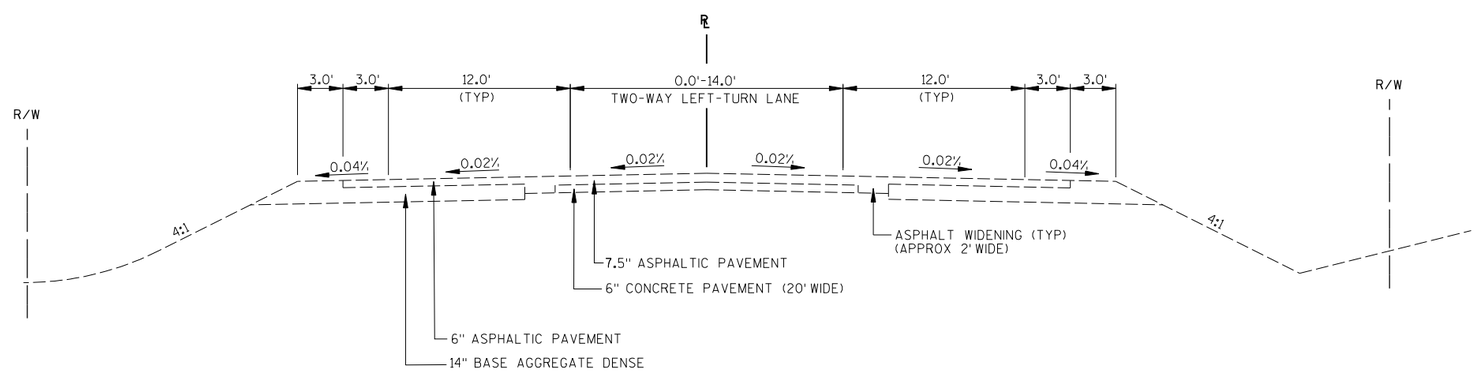
EXISTING PIPE CULVERT SIZES SHOWN ARE APPROXIMATE AND THE CONTRACTOR SHALL BASE ITS BID ON ACTUAL FIELD CONDITIONS.

PROJECT NO:1674-00-74	HWY:U.S.H. 12	COUNTY:SAUK	PROJECT OVERVIEW	SHEET 3	E



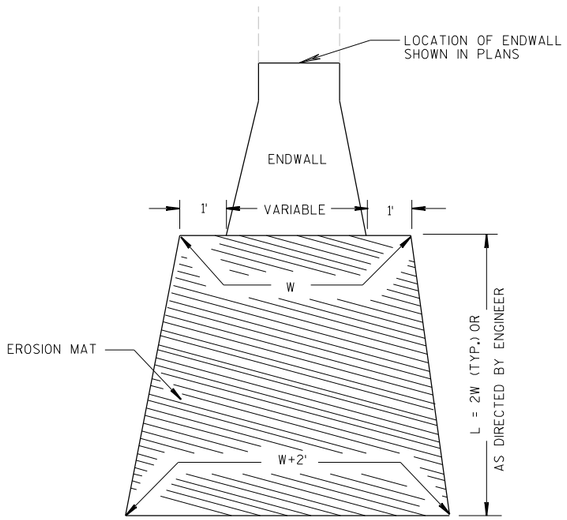
TYPICAL EXISTING SECTION

STA 57+00 TO STA 86+79 RT
STA 57+00 TO STA 88+71 LT
STA 89+74 TO STA 133+84 RT
STA 91+07 TO STA 133+84 LT
STA 148+06 TO STA 149+50
STA 165+85 TO STA 204+34
STA 224+78 TO STA 280+00 RT
STA 225+29 TO STA 280+00 LT



TYPICAL EXISTING SECTION

STA 149+50 TO STA 165+85



EROSION MAT TREATMENT AT CULVERTS

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 56 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 42 ACRES

DATE 24OCT07 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1674-00-74 QUANTITY
0010	201.0105	CLEARING	STA	35.000	35.000
0020	201.0205	GRUBBING	STA	35.000	35.000
0030	203.0100	REMOVING SMALL PIPE CULVERTS	EACH	40.000	40.000
0040	203.0200	REMOVING OLD STRUCTURE (STATION) 01. 134+95	LS	1.000	1.000
0050	203.0200	REMOVING OLD STRUCTURE (STATION) 02. 262+87	LS	1.000	1.000
0060	204.0100	REMOVING PAVEMENT	SY	653.000	653.000
0070	204.0110	REMOVING ASPHALTIC SURFACE	SY	4,282.000	4,282.000
0080	204.0115	REMOVING ASPHALTIC SURFACE BUTT JOINTS	SY	500.000	500.000
0090	204.0150	REMOVING CURB & GUTTER	LF	5,857.000	5,857.000
0100	204.0195	REMOVING CONCRETE BASES	EACH	21.000	21.000
0110	204.0220	REMOVING INLETS	EACH	2.000	2.000
0120	204.0230	REMOVING BUILDING (STATION) 01. 8+93 A 54' LT	LS	1.000	1.000
0130	204.0230	REMOVING BUILDING (STATION) 02. 9+32 A 37' LT	LS	1.000	1.000
0140	204.0230	REMOVING BUILDING (STATION) 03. 10+69 A 62' RT	LS	1.000	1.000
0150	204.9060.S	REMOVING (ITEM DESCRIPTION) 01. PULL BOXES	EACH	34.000	34.000
0160	204.9060.S	REMOVING (ITEM DESCRIPTION) 02. PRIVATE SIGNS	EACH	2.000	2.000
0170	205.0100	EXCAVATION COMMON	CY	51,391.000	51,391.000
0180	211.0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) 01. 1674-00-74	LS	1.000	1.000
0190	213.0100	FINISHING ROADWAY (PROJECT) 01. 1674-00-74	EACH	1.000	1.000
0200	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	5,784.000	5,784.000
0210	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	75,925.000	75,925.000
0220	305.0130	BASE AGGREGATE DENSE 3-INCH	TON	2,454.000	2,454.000
0230	330.0100	MILL AND RELAY	SY	84,050.000	84,050.000
0240	335.0100	RUBBLIZING	SY	41,102.000	41,102.000
0250	416.0610	PAVEMENT TIES	EACH	108.000	108.000
0260	416.1010	CONCRETE SURFACE DRAINS	CY	1.000	1.000
0270	440.4410.S	INCENTIVE IRI RIDE	DOL	18,500.000	18,500.000
0280	455.0105	ASPHALTIC MATERIAL PG58-28	TON	2,292.000	2,292.000
0290	455.0605	TACK COAT	GAL	3,306.000	3,306.000
0300	460.1110	HMA PAVEMENT TYPE E-10	TON	38,201.000	38,201.000
0310	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	26,970.000	26,970.000
0320	465.0120	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	TON	369.000	369.000
0330	465.0125	ASPHALTIC SURFACE TEMPORARY	TON	4,964.000	4,964.000
0340	465.0305	ASPHALTIC SURFACE SAFETY ISLANDS	TON	68.000	68.000
0350	465.0315	ASPHALTIC FLUMES	SY	151.000	151.000
0360	521.0118	CULVERT PIPE CORRUGATED STEEL 18-INCH	LF	2,266.000	2,266.000
0370	521.0124	CULVERT PIPE CORRUGATED STEEL 24-INCH	LF	262.000	262.000
0380	521.0130	CULVERT PIPE CORRUGATED STEEL 30-INCH	LF	82.000	82.000
0390	521.1018	APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH	EACH	116.000	116.000
0400	521.1024	APRON ENDWALLS FOR CULVERT PIPE STEEL 24-INCH	EACH	8.000	8.000
0410	521.1030	APRON ENDWALLS FOR CULVERT PIPE STEEL 30-INCH	EACH	9.000	9.000
0420	522.0112	CULVERT PIPE REINFORCED CONCRETE CLASS III 12-INCH	LF	20.000	20.000

3

DATE 24OCT07 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1674-00-74 QUANTITY
0430	522.0124	CULVERT PIPE REINFORCED CONCRETE CLASS III 24-INCH	LF	20.000	20.000
0440	522.0142	CULVERT PIPE REINFORCED CONCRETE CLASS III 42-INCH	LF	190.000	190.000
0450	522.0324	CULVERT PIPE REINFORCED CONCRETE CLASS IV 24-INCH	LF	60.000	60.000
0460	522.0330	CULVERT PIPE REINFORCED CONCRETE CLASS IV 30-INCH	LF	88.000	88.000
0470	522.1012	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH	EACH	1.000	1.000
0480	522.1024	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH	EACH	4.000	4.000
0490	522.1030	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH	EACH	3.000	3.000
0500	522.1042	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 42-INCH	EACH	4.000	4.000
0510	601.0413	CONCRETE CURB & GUTTER 30-INCH TYPE G	LF	322.000	322.000
0520	601.0415	CONCRETE CURB & GUTTER 30-INCH TYPE J	LF	124.000	124.000
0530	601.0557	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	LF	5,471.000	5,471.000
0540	608.0412	STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH	LF	150.000	150.000
0550	611.0303	INLETS TYPE 3	EACH	1.000	1.000
0560	611.0615	INLET COVERS TYPE F	EACH	1.000	1.000
0570	611.9710	SALVAGED INLET COVERS	EACH	7.000	7.000
0580	614.0605	MARKER POSTS RIGHT-OF-WAY	EACH	152.000	152.000
0590	614.0620.S	MARKER POSTS CULVERT END FLEXIBLE	EACH	34.000	34.000
0600	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01. 1674-00-74	EACH	1.000	1.000
0610	619.1000	MOBILIZATION	EACH	1.000	1.000
0620	620.0300	CONCRETE MEDIAN SLOPED NOSE	SF	128.000	128.000
0630	623.0200	DUST CONTROL SURFACE TREATMENT	SY	152,000.000	152,000.000
0640	625.0500	SALVAGED TOPSOIL	SY	84,582.000	84,582.000
0650	627.0200	MULCHING	SY	98,083.000	98,083.000
0660	628.1504	SILT FENCE	LF	375.000	375.000
0670	628.1520	SILT FENCE MAINTENANCE	LF	750.000	750.000
0680	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	4.000	4.000
0690	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	4.000	4.000
0700	628.2002	EROSION MAT CLASS I TYPE A	SY	1,500.000	1,500.000
0710	628.7010	INLET PROTECTION TYPE B	EACH	14.000	14.000
0720	628.7504	TEMPORARY DITCH CHECKS	LF	500.000	500.000
0730	628.7550	CULVERT PIPE DITCH CHECKS	EACH	17.000	17.000
0740	629.0210	FERTILIZER TYPE B	CWT	63.300	63.300
0750	630.0120	SEEDING MIXTURE NO. 20	LB	1,551.000	1,551.000
0760	630.0140	SEEDING MIXTURE NO. 40	LB	850.000	850.000
0770	630.0200	SEEDING TEMPORARY	LB	2,758.000	2,758.000
0780	634.0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	59.000	59.000
0790	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	33.000	33.000
0800	637.0202	SIGNS REFLECTIVE TYPE II	SF	777.960	777.960
0810	638.2102	MOVING SIGNS TYPE II	EACH	3.000	3.000
0820	638.2602	REMOVING SIGNS TYPE II	EACH	131.000	131.000
0830	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	85.000	85.000
0840	642.5001	FIELD OFFICE TYPE B	EACH	1.000	1.000
0850	643.0200	TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE (PROJECT) 01. 1674-00-74	DAYS	187.000	187.000

3

DATE 24OCT07 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1674-00-74 QUANTITY
0860	643.0300	TRAFFIC CONTROL DRUMS	DAYS	94,544.000	94,544.000
0870	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAYS	6,209.000	6,209.000
0880	643.0500	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS	EACH	36.000	36.000
0890	643.0600	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES	EACH	36.000	36.000
0900	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAYS	2,130.000	2,130.000
0910	643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAYS	11,379.000	11,379.000
0920	643.0900	TRAFFIC CONTROL SIGNS	DAYS	16,006.000	16,006.000
0930	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	78,045.000	78,045.000
0940	646.0126	PAVEMENT MARKING EPOXY 8-INCH	LF	4,735.000	4,735.000
0950	646.0406	PAVEMENT MARKING SAME DAY EPOXY 4-INCH	LF	26,160.000	26,160.000
0960	646.0600	REMOVING PAVEMENT MARKINGS	LF	148,330.000	148,330.000
0970	647.0166	PAVEMENT MARKING ARROWS EPOXY TYPE 2	EACH	92.000	92.000
0980	647.0356	PAVEMENT MARKING WORDS EPOXY	EACH	26.000	26.000
0990	647.0456	PAVEMENT MARKING CURB EPOXY	LF	120.000	120.000
1000	647.0566	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	LF	268.000	268.000
1010	647.0606	PAVEMENT MARKING ISLAND NOSE EPOXY	EACH	5.000	5.000
1020	647.0726	PAVEMENT MARKING DIAGONAL EPOXY 12-INCH	LF	535.000	535.000
1030	647.0955	REMOVING PAVEMENT MARKINGS ARROWS	EACH	11.000	11.000
1040	647.0965	REMOVING PAVEMENT MARKINGS WORDS	EACH	4.000	4.000
1050	649.0200	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH	LF	151,067.000	151,067.000
1060	649.0400	TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH	LF	10,040.000	10,040.000
1070	649.1100	TEMPORARY PAVEMENT MARKING STOP LINE 18-INCH	LF	440.000	440.000
1080	650.4000	CONSTRUCTION STAKING STORM SEWER SYSTEM	EACH	1.000	1.000
1090	650.4500	CONSTRUCTION STAKING SUBGRADE	LF	56,067.000	56,067.000
1100	650.5000	CONSTRUCTION STAKING BASE	LF	56,067.000	56,067.000
1110	650.5500	CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER	LF	5,595.000	5,595.000
1120	650.6000	CONSTRUCTION STAKING PIPE CULVERTS	EACH	18.000	18.000
1130	650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	25,389.000	25,389.000
1140	650.8500	CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) 01. 1674-00-74	LS	1.000	1.000
1150	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL	LS	1.000	1.000
1160	650.9920	CONSTRUCTION STAKING SLOPE STAKES	LF	26,381.000	26,381.000
1170	652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	1,892.000	1,892.000
1180	652.0235	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	LF	2,206.000	2,206.000
1190	652.0800	CONDUIT LOOP DETECTOR	LF	1,814.000	1,814.000
1200	653.0105	PULL BOXES STEEL 12X24-INCH	EACH	12.000	12.000
1210	653.0140	PULL BOXES STEEL 24X42-INCH	EACH	20.000	20.000
1220	654.0101	CONCRETE BASES TYPE 1	EACH	12.000	12.000
1230	654.0102	CONCRETE BASES TYPE 2	EACH	7.000	7.000
1240	654.0217	CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL	EACH	2.000	2.000
1250	655.0230	CABLE TRAFFIC SIGNAL 5-14 AWG	LF	1,975.000	1,975.000
1260	655.0240	CABLE TRAFFIC SIGNAL 7-14 AWG	LF	943.000	943.000
1270	655.0250	CABLE TRAFFIC SIGNAL 9-14 AWG	LF	732.000	732.000
1280	655.0310	CABLE TYPE UF 2-12 AWG	LF	691.000	691.000
1290	655.0515	ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	LF	4,006.000	4,006.000

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DATE 24OCT07 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1674-00-74 QUANTITY
1300	655.0610	ELECTRICAL WIRE LIGHTING 12 AWG	LF	240.000	240.000
1310	655.0700	LOOP DETECTOR LEAD IN CABLE	LF	6,104.000	6,104.000
1320	655.0800	LOOP DETECTOR WIRE	LF	6,915.000	6,915.000
1330	661.0200	TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS (LOCATION) 01. USH 12 & N REEDSBURG ROAD	LS	1.000	1.000
1340	661.0200	TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS (LOCATION) 02. USH 12 & STH 33	LS	1.000	1.000
1350	690.0100	SAWING EXISTING PAVEMENT	LF	33,782.000	33,782.000
1360	690.0200	SAWING CONCRETE PAVEMENT FULL DEPTH	LF	832.000	832.000
1370	ASP.1T0A	ON-THE-JOB TRAINING APPRENTICE AT $5. 00/HR	HRS	300.000	300.000
1380	ASP.1T0G	ON-THE-JOB TRAINING GRADUATE AT $5.00/HR	HRS	1,700.000	1,700.000
1390	SPV.0105	SPECIAL 01. REMOVE & SALVAGE EXISTING TRAFFIC SGNL EQUIPMENT USH 12/N REEDSBURG RD INT	LS	1.000	1.000
1400	SPV.0105	SPECIAL 02. REMOVE & SALVAGE EXISTING TRAFFIC SGNL EQUIPMENT USH 12/STH 33 INT	LS	1.000	1.000
1410	SPV.0105	SPECIAL 03. INSTALL SALVAGED TRAFFIC SIGNAL EQUIPMENT USH 12/N REEDSBURG RD INT	LS	1.000	1.000
1420	SPV.0105	SPECIAL 04. INSTALL SALVAGED TRAFFIC SIGNAL EQUIPMENT USH 12/STH 33 INTERSECTION	LS	1.000	1.000

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CLEARING AND GRUBBING ITEMS

STATION	LOCATION	201.0105 STA	201.0205 STA
U.S.H 12			
87+85 - 88+90	RT	1	1
88+40 - 88+55	LT	1	1
89+55 - 90+80	LT	1	1
110+00 - 111+00	RT	1	1
139+40 - 140+95	RT	1	1
141+30	LT	1	1
142+70	RT	1	1
145+15	LT	1	1
182+40	RT	1	1
183+60	RT	1	1
237+20 - 240+25	LT	1	1
241+60 - 242+60	RT	1	1
251+08	RT	1	1
253+90 - 257+15	RT	1	1
259+50 - 260+65	LT	1	1
263+60 - 264+10	LT	1	1
264+70 - 264+75	LT	1	1
266+80	LT	1	1
270+50	RT	1	1
SHADY LANE RD			
9+00 A - 9+50 A	LT	1	1
10+40 A - 11+40 A	RT	1	1
10+70 A - 11+40 A	LT	1	1
N REEDSBURG RD			
4+00 NR - 9+00 NR	LT	5	5
10+50 NR - 11+30 NR	LT	1	1
11+50 NR - 9+00 NR	LT	7	7
ITEM TOTALS		35	35

REMOVING SMALL PIPE CULVERTS

STATION	LOCATION	203.0100 EACH	DESCRIPTION
U.S.H. 12			
65+62	LT	1	18"x75' CMP
66+77	LT	1	18"x38' CMP
66+86	RT	1	18"x40' CMP
91+23	LT & RT	2	24"x55' CMP
130+31	RT	1	18"x40' CMP
136+40	RT	1	18"x46' CMP
144+12	LT	1	18"x42' CMP
201+50	RT	1	18"x64' CMP
230+35	RT	1	18"x43' CMP
240+78	LT	1	18"x20' CMP
241+02	RT	1	18"x50' CMP
244+78	LT	1	18"x40' CMP
246+92	LT	1	18"x26' CMP
248+12	LT	1	18"x34' CMP
250+32	RT	1	18"x30' CMP
254+64	RT	1	18"x50' HDPE
255+70	RT	1	18"x34' CMP
262+64	LT	1	18"x20' CMP
264+18	LT	1	18"x20' CMP
268+27	LT	1	18"x20' CMP
269+92	LT	1	18"x50' CMP
271+84	LT	1	18"x46' CMP
272+69	LT	1	18"x32' CMP
274+27	LT	1	18"x32' CMP
276+26	LT	1	18"x40' CMP
277+74	LT	1	18"x34' CMP
278+88	LT	1	18"x43' CMP
278+89	RT	1	18"x28' CMP
280+57	LT	1	18"x48' CMP
282+67	RT	1	18"x41' CMP
286+72	LT	1	18"x48' CMP
291+18	LT	1	18"x48' CMP
297+00	LT	1	18"x48' CMP
N REEDSBURG RD			
8+25 NR	RT	1	18"x22' CMP
COOP LN			
9+52 C	LT & RT	1	24"x80' CMP
PENNY LN			
9+62 D	LT & RT	1	24"x69' CMP
AIRPORT ENTRANCE			
10+47 E	LT & RT	1	18"x73' CMP
OLD 33 RD			
107+59 Q	LT & RT	1	18"x39' CMP
107+79 Q	RT	1	18"x75' CMP
ITEM TOTAL		40	

REMOVING OLD STRUCTURE

STATION	203.0200 LS
U.S.H. 12	
134+95	1
262+87	1
ITEM TOTAL	2

REMOVING INLETS

STATION	LOCATION	204.0220 EACH
STAGE 1		
U.S.H. 12		
91+22	LT	1
STAGE 2		
N REEDSBURG RD		
10+65 NR	RT	1
ITEM TOTAL		2

REMOVING CURB AND GUTTER

STATION	LOCATION	204.0150 LF
STAGE 1		
U.S.H. 12		
85+04 - 85+77	LT	156
141+45 - 141+81	RT	98
299+00 - 301+32	RT	464
STAGE 2		
U.S.H. 12		
86+78 - 89+10	RT	253
89+35 - 89+74	RT	64
142+11 - 145+85	RT	398
168+02 - 168+52	RT	75
168+78 - 169+20	RT	65
177+13 - 177+58	RT	66
177+83 - 178+23	RT	62
206+27 - 209+99	LT & RT	752
209+65 - 210+24	RT	100
210+96 - 211+13	RT	60
211+07 - 211+72	RT	85
211+14 - 217+38	LT & RT	1256
219+63 - 224+55	RT	492
233+56 - 234+06	RT	57
272+99 - 273+44	RT	68
273+81 - 274+30	RT	76
S.T.H. 33		
8+79 F - 9+48 F	RT	141
STAGE 3		
U.S.H. 12		
88+71 - 89+08	LT	62
89+33 - 91+07	LT	200
140+21 - 141+75	LT	230
142+16 - 142+76	LT	95
220+66 - 220+99	LT	52
221+30 - 225+29	LT	430
ITEM TOTAL		5857

REMOVING PAVEMENT

STATION	LOCATION	204.0100 SY	COMMENT
STAGE 1			
U.S.H. 12			
91+22		32	
134+95		45	
135+53 - 137+80	LT & RT	195	CONC RUMBLE STRIP
144+05 - 146+52	LT & RT	205	CONC RUMBLE STRIP
205+27 - 206+27	LT & RT	58	CONC RUMBLE STRIP
217+38 - 218+38	LT & RT	44	CONC RUMBLE STRIP
263+04		40	
274+48		34	
ITEM TOTAL		653	

REMOVING ASPHALTIC SURFACE

STATION	LOCATION	204.0110 SY
STAGE 2		
U.S.H. 12		
291+40 - 295+24	LT & RT	1224
STAGE 3		
U.S.H. 12		
291+40 - 300+24	LT	3058
ITEM TOTAL		4282

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION	204.0115 SY
U.S.H. 12	
57+00 - 58+40	500
ITEM TOTAL	500

REMOVING BUILDING

STATION	OFFSET	204.0230 LS
SHADY LANE ROAD		
8+93 A	54'LT	1
9+32 A	37'LT	1
10+69 A	62'RT	1
ITEM TOTAL		3

REMOVING PRIVATE SIGN

STATION	OFFSET	204.9060.S EACH	COMMENTS
U.S.H. 12			
252+95	36'RT	1	PAPA BEAR
269+25	53'LT	1	GENERAL RETAIL; SPOTLIGHTS ARE INCIDENTAL
ITEM TOTAL		2	

EARTHWORK SUMMARY 205.0100

LOCATION	EXCAVATION COMMON CY	EXPANDED FILL EXP FACTOR 30% CY	*WASTE CY
U.S.H. 12 - STAGE 1	6303	4942	1361
U.S.H. 12 - STAGE 2	18397	10582	7815
U.S.H. 12 - STAGE 3	23968	2854	21114
U.S.H. 12 - STAGE 4	2723	361	2362
TOTALS	51391	18739	32652

* SUBTOTALS INCLUDE SIDEROAD EARTHWORK

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR CATEGORY 0010, UNLESS OTHERWISE NOTED.

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CONCRETE CURB & GUTTER ITEMS

STATION	LOCATION	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	601.0413 CONCRETE CURB & GUTTER 30-INCH TYPE G LF	601.0415 CONCRETE CURB & GUTTER 30-INCH TYPE J LF	650.5500 CONSTRUCTION STAKING CURB GUTTER & CURB & GUTTER LF
STAGE 2					
U.S.H. 12					
102+30 - 104+25	RT	195			195
206+25 - 209+93	LT & RT	738			738
211+19 - 217+34	LT & RT	1232			1232
219+65 - 224+79	RT	514			514
233+65 - 234+06	RT	48			48
237+00 - 240+25	RT	325			325
SHADY LANE RD	RT	165			165
N REEDSBURG RD	RT	157			157
COOP LN	RT	158			158
PENNY LN	RT	157			157
S.T.H. 33	RT	196			196
S.T.H. 33	RT	59			59
OLD 33 RD	RT	141			141
STAGE 3					
U.S.H. 12					
221+89 - 225+29	LT	340			340
237+40 - 240+25	LT	285			285
SHADY LANE RD	LT	165			165
N REEDSBURG RD	LT	275			275
AIRPORT ENTRANCE	LT	164			164
PIT RD	LT	157			157
STAGE 4					
U.S.H. 12					
299+00 - 301+32	LT		322	124	124
ITEM TOTALS		5471	322	124	5595

EROSION CONTROL ITEMS

STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.2002 EROSION MAT CLASS I TYPE A SY
U.S.H. 12							
54+00 - 301+32	LT & RT	300	600	4	4	400	1200
UNDISTRIBUTED		75	150			100	300
ITEM TOTALS		375	750	4	4	500	1500

SALVAGED INLET COVERS

STATION	LOCATION	611.9710 EACH
STAGE 2		
U.S.H. 12		
206+33	LT & RT	2
211+42	LT & RT	2
219+77	RT	1
223+40	RT	1
STAGE 3		
223+40	LT	1
ITEM TOTAL		7

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TURF ESTABLISHMENT ITEMS*

STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB
STAGE 1							
U.S.H. 12							
54+00 - 301+32	LT & RT	9530	9530	6.0			257
STAGE 2							
U.S.H. 12							
54+00 - 301+32	LT & RT	30890	37634	26.0	667	350	1117
STAGE 3							
U.S.H. 12							
54+00 - 301+32	LT & RT	40475	47232	29.0	784	500	1284
STAGE 4							
U.S.H. 12							
54+00 - 301+32	LT & RT	3687	3687	2.3	100		2501
ITEM TOTALS		84582	98083	63.3	1551	850	2758

*ALL TURF ESTABLISHMENT ITEMS IN THIS TABLE INCLUDE 25% UNDISTRIBUTED

TRAFFIC CONTROL

STATION	DURATION CALENDAR DAYS	643.0200 SURVEILLANCE AND MAINTENANCE DAYS	EACH	643.0300 DRUMS DAYS	EACH	643.0420 BARRICADES TYPE III DAYS	643.0500 FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 FLEXIBLE TUBULAR MARKER BASES EACH	EACH	643.0705 WARNING LIGHTS TYPE A DAYS	EACH	643.0715 WARNING LIGHTS TYPE C DAYS	EACH	643.0900 SIGNS DAYS
STAGE 1														
U.S.H. 12	32	32	330	10560	2	64					36	1152	32	992
REEDSBURG RD	32		5	160										
STAGE 2														
U.S.H. 12	71	71	521	36991	42	2982	17	17	30	2130	24	1704	102	7242
REEDSBURG RD	71		98	6958	8	568					40	2840	10	710
S.T.H. 33	71		45	3195	5	355					13	923	6	426
STAGE 3														
U.S.H. 12	56	56	505	28280	28	1568	19	19			31	1736	78	4368
REEDSBURG RD	56		96	5376	11	616					36	2016	22	1232
S.T.H. 33	56		39	2184	1	56					13	728	6	336
STAGE 4														
U.S.H. 12	28	28	30	840							10	280	25	700
ITEM TOTAL		187		94544		6209	36	36		2130		11379		16006

INLET PROTECTION

STATION	LOCATION	628.7010 TYPE B EACH
U.S.H. 12		
206+33.90	LT & RT	2
211+41.15	LT & RT	2
219+76.68	RT	1
223+40.50	LT & RT	2
295+46.76	LT	2
297+62.76	LT	2
300+32.92	LT	1
301+32.00	LT	2
ITEM TOTAL		14

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR CATEGORY 0010, UNLESS OTHERWISE NOTED.

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PAVEMENT MARKING		646.0106	646.0406	646.0126	647.0166	647.0356	647.0456	647.0566	647.0606	647.0726	
		EPOXY 4-INCH	SAME DAY EPOXY 4-INCH	EPOXY 8-INCH	ARROWS EPOXY TYPE 2	WORDS EPOXY	CURB EPOXY	STOP LINE EPOXY 18-INCH	ISLAND NOSE EPOXY	DIAGONAL EPOXY 12-INCH	
STATION	LOCATION	LF	LF	LF	EACH	EACH	LF	LF	EACH	LF	COMMENTS
U.S.H. 12											
54+00 - 89+18	LT & RT	6910		200	12						WHITE
54+00 - 89+18	LT & RT	3290	3290							160	SKIP YELLOW, YELLOW
54+00 - 89+18	℄	800	800								℄ DBL YELLOW
89+18 - 141+98	LT & RT	10270		790	4	4		41			WHITE
89+18 - 141+98	LT & RT	580								85	SKIP YELLOW, YELLOW
89+18 - 141+98	℄	5000	5000								DBL YELLOW
141+98 - 168+67	LT & RT	4850		1125	20	8		41			WHITE
141+98 - 168+67	LT & RT	2830	2830							60	SKIP YELLOW, YELLOW
141+98 - 168+67	℄	325	325								℄ DBL YELLOW
168+67 - 177+71	LT & RT	1680			6						WHITE
168+67 - 177+71	LT & RT	1130	1130								SKIP YELLOW, YELLOW
177+71 - 186+63	LT & RT	1680			6						WHITE
177+71 - 186+63	LT & RT	1115	1115								SKIP YELLOW, YELLOW
186+63 - 210+84	LT & RT	4645		390	3	3		65			WHITE
186+63 - 210+84	LT & RT	1030	500				48		2	115	SKIP YELLOW, YELLOW
186+63 - 210+84	℄	1575	1575								℄ DBL YELLOW
210+84 - 221+15	LT & RT	2325		230	4	4		24			SKIP WHITE, WHITE
210+84 - 221+15	LT & RT	1550					48		2	35	SKIP YELLOW, YELLOW
210+84 - 221+15	℄	200	225								℄ DBL YELLOW
221+15 - 273+66	LT & RT	10415		1190	22	2					SKIP WHITE, WHITE
221+15 - 273+66	LT & RT	5660	5660							80	SKIP YELLOW, YELLOW
221+15 - 273+66	℄	660	660								℄ DBL YELLOW
273+66 - 301+32	LT & RT	5235		25	10						SKIP WHITE, WHITE
273+66 - 301+32	LT & RT	2375	2375								SKIP YELLOW, YELLOW
REEDSBURG RD											
3+85 NR - 11+70 NR	LT & RT	1060		615	3	3		60			WHITE
3+85 NR - 11+70 NR	℄	675	675								℄ DBL YELLOW
S.T.H. 33											
8+40 F - 9+70 F	RT			170	2	2		37			WHITE
8+40 F - 9+70 F	℄	180					24		1		YELLOW
ITEM TOTALS		78045	26160	4735	92	26	120	268	5	535	

REMOVING PAVEMENT MARKINGS		646.0600	647.0955	647.0965	
		REMOVING PAVEMENT MARKINGS	REMOVING PAVEMENT MARKINGS ARROWS	REMOVING PAVEMENT MARKINGS WORDS	
STATION	LOCATION	LF	EACH	EACH	COMMENTS
STAGE 2					
U.S.H. 12					
54+00 - 88+70	LT	3470			WHITE EDGELINE
54+00 - 57+00	LT	600			DBL YELLOW
89+65 - 91+05	LT	140			WHITE CHANNELIZING
91+25 - 135+00	LT	4375			WHITE EDGELINE
135+00 - 147+35	LT	1235			WHITE EDGELINE
135+50 - 141+67	LT	1235			DBL YELLOW
141+67	LT	4			WHITE STOPLINE
142+57	LT	24			WHITE STOPLINE
142+57 - 143+67	LT	110	1	1	WHITE CHANNELIZING
142+57 - 157+00	LT	1443	4		WHITE EDGELINE
144+00 - 157+00	LT	2000			YELLOW, YELLOW DASH, YELLOW DIAGONAL
157+00 - 160+00	LT	300	3	1	WHITE EDGELINE
157+00 - 160+00	LT	110			WHITE CHANNELIZING
157+00 - 160+00	LT	450			YELLOW, YELLOW DASH
161+50 - 186+00	LT	2500	2	1	WHITE EDGELINE, WHITE DASH
161+50 - 186+00	LT	150			WHITE CHANNELIZING
161+50 - 186+00	LT	5000			DBL YELLOW, YELLOW DIAGONAL
187+00 - 210+00	LT	2300			WHITE EDGELINE
187+00 - 210+00	LT	2500			YELLOW, YELLOW DASH
211+00	LT	24			WHITE STOPLINE
211+00 - 218+00	LT	700	1	1	WHITE EDGELINE
211+00 - 218+00	LT	110			WHITE CHANNELIZING
211+00 - 218+00	LT	600			YELLOW
225+50 - 270+00	LT	4300			WHITE EDGELINE
225+50 - 270+00	LT	150			WHITE CHANNELIZING
274+00 - 299+00	LT	2500			WHITE EDGELINE
N REEDSBURG RD					
10+50 NR - 14+00 NR	℄	700			DBL YELLOW
10+50 NR - 14+00 NR	RT	290			WHITE EDGELINE, TEMPORARY PAINT
S.T.H. 33					
4+30 F - 10+00 F	℄	400			DBL YELLOW
4+30 F - 10+00 F	LT	250			WHITE EDGELINE
STAGE 3					
N REEDSBURG RD					
3+85 NR - 11+70 NR	LT & RT	5260			TEMPORARY PAINT
S.T.H. 33					
7+80 F - 10+00 F	RT	400			TEMPORARY PAINT
STAGE 4					
U.S.H. 12					
57+00 - 299+00	RT	101000			TEMPORARY PAINT
N REEDSBURG RD					
3+85 NR - 11+70 NR	LT & RT	3100			TEMPORARY PAINT
S.T.H. 33					
7+80 F - 10+00 F	LT	600			TEMPORARY PAINT
ITEM TOTALS		148330	11	4	

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DUST CONTROL SURFACE TREATMENT		623.0200
STATION	LOCATION	SY
STAGE 2		
U.S.H. 12		
54+00 - 295+24	RT	75000
STAGE 3		
U.S.H. 12		
54+00 - 300+24	LT	77000
ITEM TOTAL		152000

CONCRETE MEDIAN SLOPED NOSE		620.0300
STATION	LOCATION	EACH
U.S.H. 12		
206+24	LT & RT	28
209+94	LT	36
211+18	RT	36
217+34	LT & RT	28
ITEM TOTAL		128

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR CATEGORY 0010, UNLESS OTHERWISE NOTED.

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TEMPORARY PAVEMENT MARKING	649.0200	649.0400	649.1100	
STATION	REFLECTIVE PAINT 4-INCH LF	REMOVABLE TAPE 4-INCH LF	TEMPORARY PAVEMENT MARKING STOP LINE 18-INCH LF	COMMENTS
STAGE 2				
U.S.H. 12				
54+00 - 89+18	7000	600		WHITE
54+00 - 89+18	3520	600		DBL YELLOW
89+18 - 141+98	10410		24	WHITE
89+18 - 141+98	5250			DBL YELLOW
141+98 - 168+67	5260		24	WHITE
141+98 - 168+67	2640			DBL YELLOW
168+67 - 177+71	1810			WHITE
168+67 - 177+71	905			DBL YELLOW
177+71 - 186+63	1740			WHITE
177+71 - 186+63	900			DBL YELLOW
186+63 - 210+84	4600		24	WHITE
186+63 - 210+84	2390			DBL YELLOW
210+84 - 221+15	1940		28	WHITE
210+84 - 221+15	1010			DBL YELLOW
221+15 - 273+66	10435			WHITE
221+15 - 273+66	5252			DBL YELLOW
273+66 - 299+00	5300			WHITE
273+66 - 299+00	2675			DBL YELLOW
299+00 - 305+50		305		WHITE
299+00 - 305+50		915		YELLOW
N REEDSBURG RD				
116+27 NR - 14+00 NR	3115	1335	60	WHITE
116+27 NR - 14+00 NR	1400	920		DBL YELLOW
S.T.H. 33				
4+30 F - 10+00 F	930	750	96	WHITE
4+30 F - 10+00 F	340	665		DBL YELLOW
STAGE 3				
U.S.H. 12				
54+00 - 89+18	6300	400		WHITE
54+00 - 89+18	3220	600		DBL YELLOW
89+18 - 141+98	10300		24	WHITE
89+18 - 141+98	5200			DBL YELLOW
141+98 - 168+67	5150		24	WHITE
141+98 - 168+67	2650			DBL YELLOW
168+67 - 177+71	1675			WHITE
168+67 - 177+71	900			DBL YELLOW
177+71 - 186+63	1800			WHITE
177+71 - 186+63	900			DBL YELLOW
186+63 - 210+84	4600		15	WHITE
186+63 - 210+84	2350			DBL YELLOW
210+84 - 221+15	1950		11	WHITE
210+84 - 221+15	1000			DBL YELLOW
221+15 - 273+66	10400			WHITE
221+15 - 273+66	5300			DBL YELLOW
273+66 - 299+00	5875			WHITE
273+66 - 299+00	2675			DBL YELLOW
299+00 - 305+50		850		WHITE
299+00 - 305+50		265		YELLOW
N REEDSBURG RD				
116+27 NR - 14+00 NR	2300	775	96	WHITE
116+27 NR - 14+00 NR	930	460		DBL YELLOW
S.T.H. 33				
4+30 F - 10+00 F	410	400	14	WHITE
4+30 F - 10+00 F	170	200		DBL YELLOW
UNDISTRIBUTED	2000			SKIP YELLOW
ITEM TOTALS	153067	10040	440	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR CATEGORY 0010, UNLESS OTHERWISE NOTED.

3

CONSTRUCTION STAKING		650.4500	650.5000	650.9920	650.8000	
STATION	LOCATION	SUBGRADE LF	BASE LF	SLOPE STAKES LF	RESURFACING REFERENCE LF	COMMENTS
U.S.H. 12						
55+25 - 295+00		21441	21441			STAGE 1
82+00 - 228+50		8245	8245			STAGE 2
57+00 - 301+32	℄	24432	24432	24432	23440	
SHADY LANE RD						
8+59.70 A - 9+76.13 A	℄	117	117	117	117	
10+24.22 A - 11+40.94 A	℄	117	117	117	117	
N REEDSBURG RD						
3+85 NR - 9+70 NR	℄	585	585	585	585	
10+30 NR - 11+70.17 NR	℄	141	141	141	141	
COOP LN						
8+49.92 C - 10+00 C	℄	150	150	150	150	
PENNY LN						
8+51.06 D - 10+00 D	℄	149	149	149	149	
AIRPORT ENTRANCE						
10+00 E - 11+49.04 E	℄	149	149	149	149	
S.T.H. 33						
8+40 F - 10+00 F	℄	160	160	160	160	
PIT RD						
10+00 G - 11+42.96 G	℄	143	143	143	143	
OLD 33 RD						
106+55 Q - 108+92.72 Q	℄	238	238	238	238	
ITEM TOTALS		56067	56067	26381	25389	

SAWING		690.0100	690.0200
STATION	LOCATION	EXISTING PAVEMENT LF	CONCRETE PAVEMENT FULL DEPTH LF
STAGE 1			
U.S.H. 12			
299+00 - 301+32	LT	124	332
STAGE 2			
U.S.H. 12			
57+00 - 141+00	℄	8400	
143+00 - 210+00	℄	6700	
211+00 - 291+40	℄	8040	
SHADY LN			
8+59.70 A	LT & RT	24	
REEDSBURG RD			
116+26.73 B	LT & RT	640	
COOP LN			
8+49.92 C	LT & RT	24	
PENNY LN			
8+51.06 D	LT & RT	23	
S.T.H. 33			
8+40.00 F	RT	25	
8+78.71 F	LT	30	
OLD 33 RD			
106+55.00 Q	LT & RT	22	
STAGE 3			
SHADY LN			
11+40.94 A	LT & RT	24	
REEDSBURG RD			
11+70.17 B	LT & RT	41	3
AIRPORT ENTRANCE			
11+49.04 E	LT & RT	25	
PIT RD			
11+42.96 G	LT & RT	24	
STAGE 4			
U.S.H. 12			
57+00 - 299+00	RT	8013	
299+00 - 301+32	LT & RT	232	497
ITEM TOTALS		32411*	832*

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

CABLE & WIRING (SIGNAL) (CONT)

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0250 CABLE TRAFFIC SIGNAL 9-14 AWG LF	655.0310 CABLE TYPE UF 2-12 AWG LF	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF
U.S.H. 12 & S.T.H. 33							
CABINET	CB9		36				
CB9	HEAD 10	24					
CB9	HEAD 14	24					
CABINET	CB10	83					
CB10	HEAD 9	24					
CABINET	CB11	160					
CB11	HEAD 4	20					
CABINET	CB12	205					
CB12	HEAD 3	20					
CABINET	CB13			195			
CB13	HEAD 6		24				
CB13	HEAD 12	24					
CABINET	CB14	251					
CB14	HEAD 11	20					
CABINET	CB15			291	0		
CB15	HEAD 2	46					
CB15	HEAD 8	20					
CB15	HEAD 16	24					
CB15	LUMINAIRE						40
CABINET	CB16	201			201		
CB16	HEAD 15	24					
CB16	LUMINAIRE						40
CABINET	CB17	151					
CB17	HEAD 1	20					
CABINET	CB18		103				
CB18	HEAD 7		24				
CABINET	CB19		71				
CB19	HEAD 5		41				
NEUTRAL (WHITE)							
CABINET	CB9					36	
CB9	CB10					74	
CB10	CB11					86	
CB11	CB12					88	
CB12	CB13					31	
CB13	CB14					77	
CB14	CB15					63	
CB15	CB16					244	
CB16	CB17					75	
CB17	CB18					89	
CB18	CB19					79	
CB19	CABINET					71	
GROUND (GREEN)							
CABINET	CB9					36	
CB9	CB10					74	
CB10	CB11					86	
CB11	CB12					88	
CB12	CB13					31	
CB13	CB14					77	
CB14	CB15					63	
CB15	CB16					244	
CB16	CB17					75	
CB17	CB18					89	
CB18	CB19					79	
CB19	CABINET					71	
BONDING JUMPERS							
CB9	PB15					14	
CB10	PB16					9	
CB11	PB17					24	
CB13	PB20					13	
CB14	PB21					14	
CB15	PB22					11	
PB21	PB23					55	
PB23	PB25					52	
CB17	PB26					19	
CB18	PB27					15	
CB19	PB31					23	
CB20	PB32					26	
ITEM TOTALS		1975	943	732	691	4006	240

CONDUIT RIGID NONMETALLIC SCHEDULE 40

FROM	TO	652.0225 2-INCH LF	652.0235 3-INCH LF
U.S.H. 12 & N REEDSBURG RD			
CABINET	PB1		52
PB1	CB1	15	
PB1	PB2		162
PB2	CB2	10	
PB2	PB3		114
PB3	CB3	6	
PB3	PB4	150	
PB4	PB5	200	
PB5	PB6	60	
PB3	PB7		156
PB7	CB4	15	
PB7	PB8		128
PB8	CB5	12	
PB8	PB9		142
PB9	CB6	5	
PB9	PB10		74
PB10	CB7	20	
PB10	PB11	141	
PB11	PB12	56	
PB12	PB13	205	
PB10	PB14		178
PB14	CB8	10	
PB14	CABINET		34
U.S.H. 12 & S.T.H. 33			
CABINET	PB15		44
PB15	CB9	9	
PB15	PB16		102
PB16	CB10	4	
PB16	PB17		106
PB17	CB11	19	
PB17	PB18	140	
PB18	PB19	245	
PB17	PB20		82
PB20	CB12	18	
PB20	CB13	8	
PB20	PB21		100
PB21	CB14	9	
PB21	PB22		76
PB22	CB15	6	
PB21	PB23		100
PB23	PB24	66	
PB23	PB25		94
PB25	PB26		128
PB26	CB16	14	
PB26	PB27		82
PB27	CB17	10	
PB27	PB28	145	
PB28	PB29	100	
PB29	PB30	155	
PB27	PB31		102
PB31	CB18	18	
PB31	PB32		60
PB32	CB19	21	
PB32	CABINET		90
ITEM TOTALS		1892	2206

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR CATEGORY 0010, UNLESS OTHERWISE NOTED.

3

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED			TOTAL ACRES REM.	TLE ACRES
				NEW	EXISTING	TOTAL		
46	CITY OF BARABOO, TOWN OF DELTON VILLAGE OF LAKE DELTON, CITY OF WISCONSIN DELLS	TLE	154.84	-	-	-	154.84	0.66
47	FORD & SMITH, LLC	FEE	3.83	0.05	-	0.05	3.78	-
48	COOPERATIVE SERVICE CENTER	FEE	20.54	0.15	1.50	1.65	18.89	-
49	LAWRENCE G. KORY AND LUCILLE E. KORY, TRUSTEES, OR THEIR SUCCESSORS IN TRUST, UNDER THE KORY LIVING TRUST DATED JUNE 4, 2002 AND ANY AMENDMENTS THERETO	FEE	40.00	0.16	1.54	1.70	38.30	-
100	ALLIANT ENERGY (ELECTRIC)	RELEASE OF RIGHTS						
101	ALLIANT ENERGY (GAS)	RELEASE OF RIGHTS						
102	CENTURYTEL	RELEASE OF RIGHTS						
103	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS						

TRANSPORTATION PROJECT PLAT NO: 1674-00-24 - 4.06

PART OF THE NW 1/4 OF THE NW 1/4 AND THE SW 1/4 OF THE NW 1/4 OF SECTION 15, AND PART OF THE NE 1/4 OF THE NE 1/4 AND THE SE 1/4 OF THE NE 1/4 OF SECTION 16, ALL IN TOWN 12 NORTH, RANGE 6 EAST, AND PART OF LOT 1 CSM NO. 360, DOC. NO. 407055, TOWN OF DELTON, SAUK COUNTY, WISCONSIN.

RELOCATION ORDER USH 12 SAUK COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3) AND 84.09, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
USH 12	WIDOT PROJECT FAP NO. 418-B	1929
USH 12	CSM #360	1976
USH 12	CSM #1019	1979
COOP LN.	CSM #360 & WI STATUTE 82.31(2)	1976
PENNY LN.	CSM #1019 & WI STATUTE 82.31(2)	1979

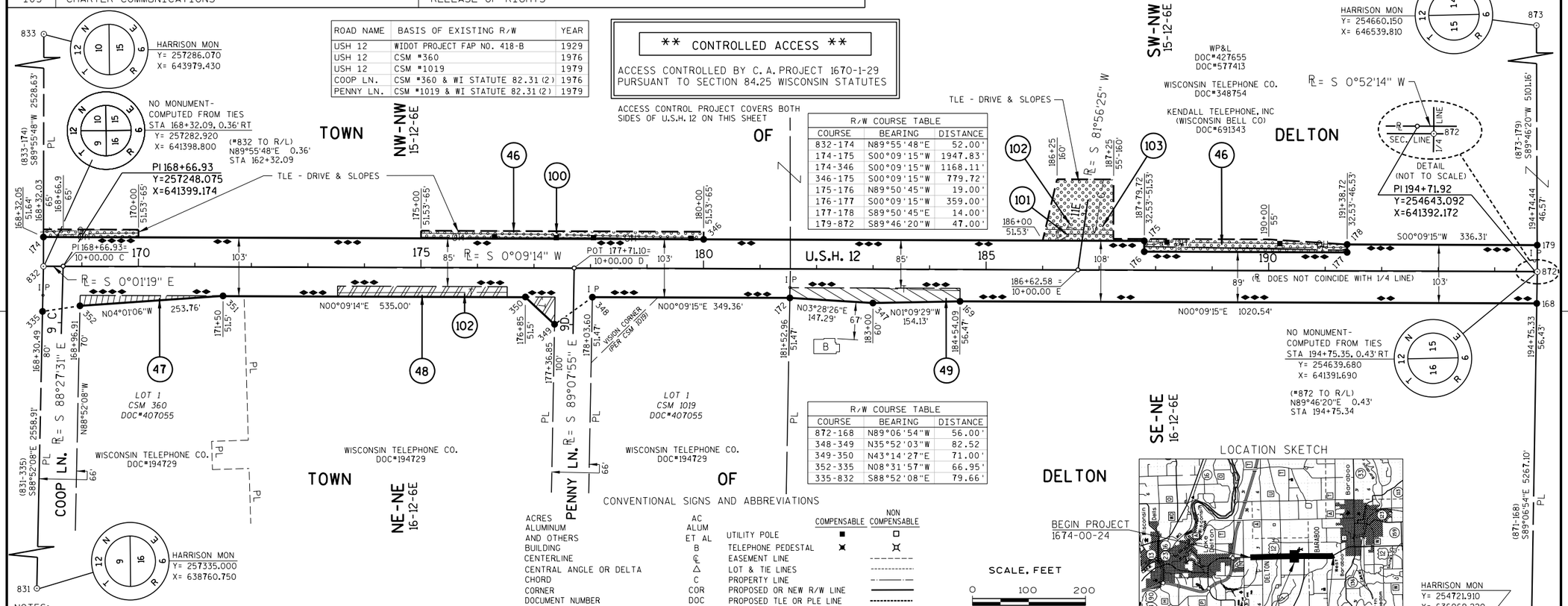
** CONTROLLED ACCESS **

ACCESS CONTROLLED BY C.A. PROJECT 1670-1-29 PURSUANT TO SECTION 84.25 WISCONSIN STATUTES

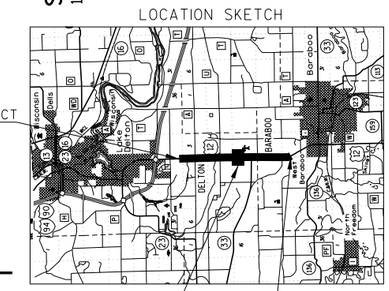
ACCESS CONTROL PROJECT COVERS BOTH SIDES OF U.S.H. 12 ON THIS SHEET

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
832-174	N89°55'48"E	52.00'
174-175	S00°09'15"W	1947.83'
174-346	S00°09'15"W	1168.11'
346-175	S00°09'15"W	779.72'
175-176	N89°50'45"W	19.00'
176-177	S00°09'15"W	359.00'
177-178	S89°50'45"E	14.00'
179-872	S89°46'20"W	47.00'

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
872-168	N89°06'54"W	56.00'
348-349	N35°52'03"W	82.52
349-350	N43°14'27"E	71.00'
352-335	N08°31'57"W	66.95'
335-832	S88°52'08"E	79.66'



LOCATION SKETCH



SCALE, FEET
0 100 200

GN

NOTES:

COORDINATES AND BEARINGS ON THE PLAT ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, SAUK COUNTY, (ENGLISH), NAD 1983 (1991) ADJUSTMENT, ALL DISTANCES ARE GROUND LENGTH.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF RECORD.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. EXCLUDING RIGHT-OF-WAY BOUNDARIES, THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM NECESSARY OR DESIRABLE TO PREVENT EROSION OF THE SOIL. THIS EASEMENT IS TO TERMINATE UPON DECEMBER 31, 2013 OR THE DATE THE CONSTRUCTION OF THE PROJECT IS COMPLETED, WHICHEVER OCCURS FIRST.

COORDINATES AS SHOWN ARE NOT INTENDED TO BE USED FOR RETRACEMENT PURPOSES AND MUST BE VERIFIED.

CONVENTIONAL SIGNS AND ABBREVIATIONS

			COMPENSABLE	NON COMPENSABLE
ACRES	AC	UTILITY POLE	■	□
ALUMINUM	ALUM	TELEPHONE PEDESTAL	✖	✖
AND OTHERS	ET AL	EASEMENT LINE		
BUILDING	B	LOT & TIE LINES		
CENTERLINE	℄	PROPERTY LINE		
CENTRAL ANGLE OR DELTA	△	PROPOSED OR NEW R/W LINE		
CHORD	C	PROPOSED TLE OR PLE LINE		
CORNER	COR	QUARTER LINE		
DOCUMENT NUMBER	DOC	SECTION LINE		
EXISTING	EXIST	SIXTEENTH LINE		
IRON PIPE OR PIN	○ I P	CORPORATE LIMITS		
LENGTH OF CURVE	L	UTILITY (GAS, TELEPHONE, ELECTRIC, FIBER OPTIC, OVERHEAD)	— T —	(TYPE)
LONG CHORD OR LAND CONTRACT	LC	FEE (HATCHING VARIES BY PARCEL)		
LONG CHORD BEARING	LCB	(TLE) TEMPORARY LIMITED EASEMENT		
MONUMENT	MON	(PLE) PERMANENT LIMITED EASEMENT		
PAGE	P	BUILDING	B	
PERMANENT LIMITED EASEMENT	PLE	BUILDING TO BE RAZED		
POINT ON TANGENT	POT	PROPERTY CONNECTOR/SAME OWNER		
PROPERTY LINE	PL	SECTION CORNER SYMBOL		
RADIUS OR RANGE	R	ACCESS RESTRICTED (BY PREVIOUS PROJECT/CONTROL)		
REFERENCE LINE	℞	NO ACCESS (BY ACQUISTION)		
RIGHT OF WAY	R/W	NO ACCESS (BY STATUTORY AUTHORITY)		
SECTION	SEC			
SQUARE FEET	SF			
STATION	STA			
TANGENT OR TOWN	T			
TEMPORARY LIMITED EASEMENT	TLE			
VOLUME	V			
RIGHT OF WAY POINT (NON-MONUMENTED)	○ 870			
RIGHT OF WAY POINT (MONUMENTED)	● 867			
PARCEL NUMBER	(5)			

SEH
421 FRENETTE DRIVE
CHIPPEWA FALLS, WI 54729
800.472.5881

I, DUANE A. HOLMAN, REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED TRANSPORTATION PROJECT PLAT 1674-00-24-4.06 AND THAT SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN DUANE A. HOLMAN S-1294 BLOOMER WI LAND SURVEYOR

DATE: 8-8-2006 (SIGNATURE)
DUANE A. HOLMAN
AGENT FOR SEH, INC.
REG. NUMBER S-1294

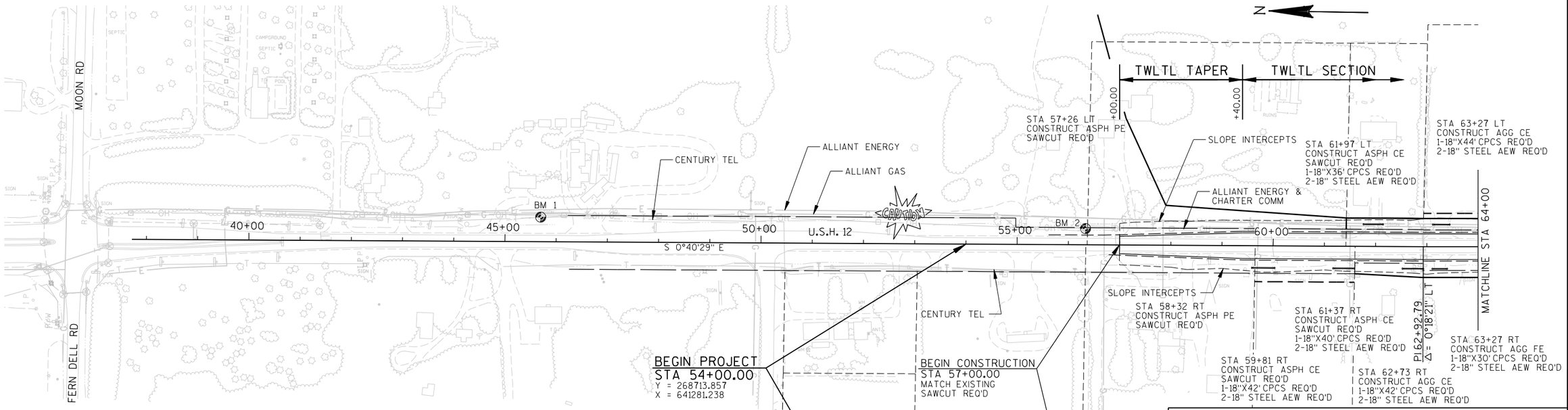
THIS PLAT IS APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION

DATE: 8-10-2006 SIGNATURE)
JOSEPH L. FARMER
REAL ESTATE SUPERVISOR

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 1674-00-24-4.06

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN SAUK COUNTY, WISCONSIN AT 12:15 P.M. ON AUGUST 18, 2006 AS DOCUMENT #915070 AND FILED IN D-261A

BRENT BAILEY
SIGNATURE OF REGISTER OF DEEDS



5

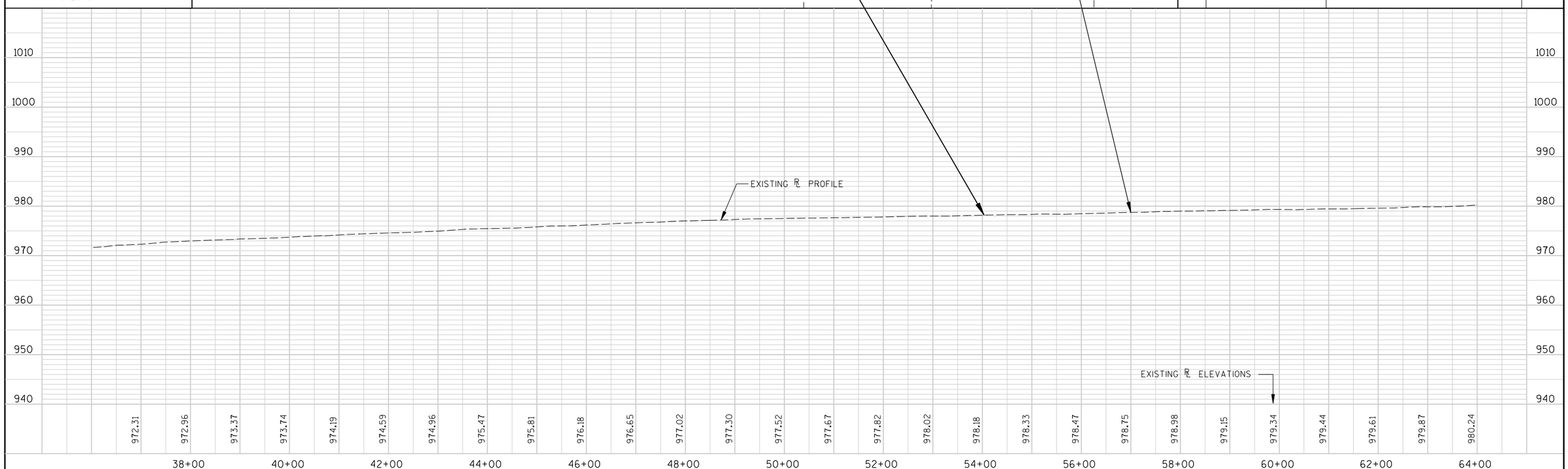
LEGEND

- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

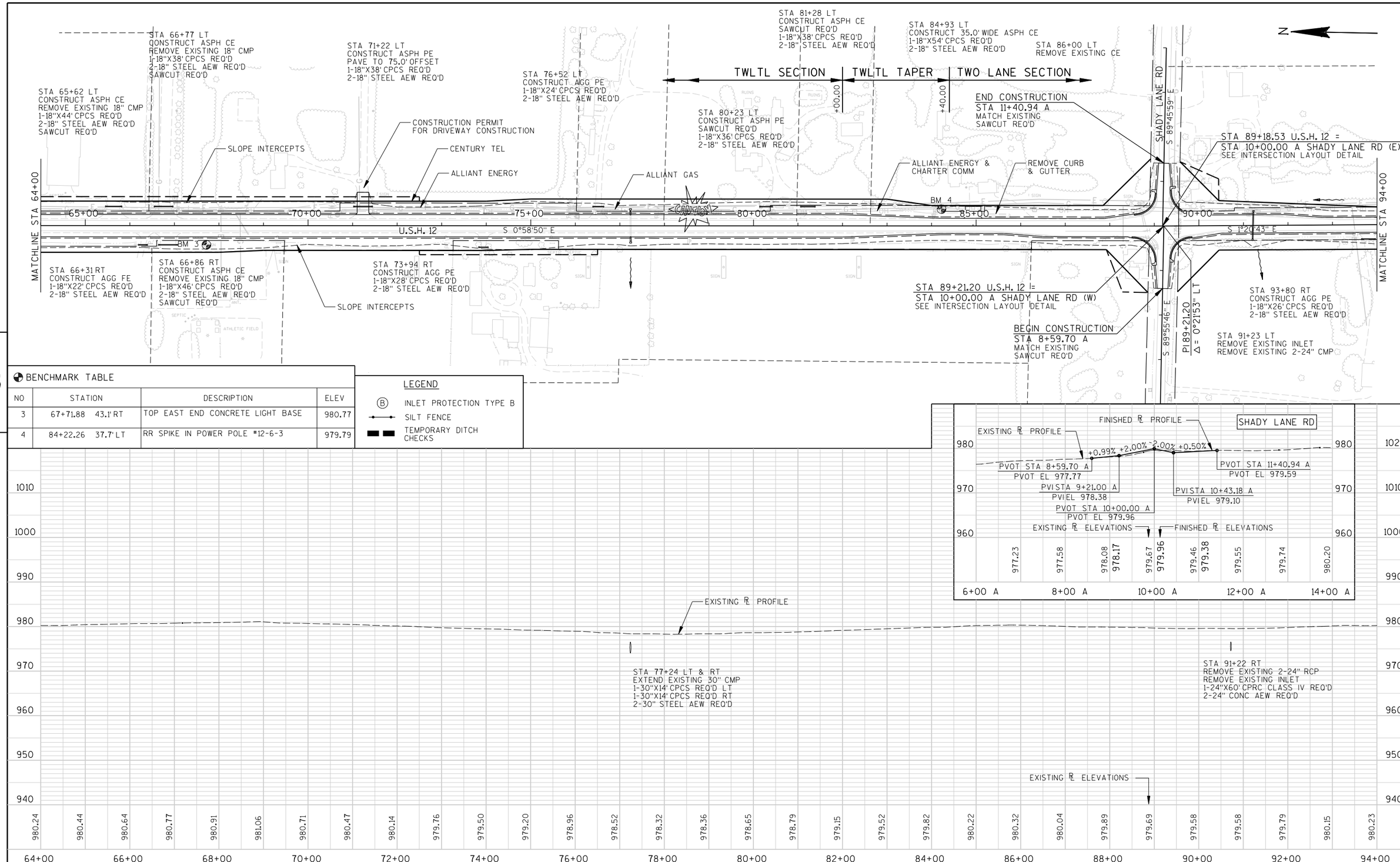
BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
1	45+69.58 47.9' LT	SW CORNER OF OLD CONCRETE SIGN BASE	975.03
2	56+33.44 31.6' LT	RR SPIKE IN POWER POLE #13-634	977.80

5



PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 120	E



5

BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
3	67+71.88 43.1' RT	TOP EAST END CONCRETE LIGHT BASE	980.77
4	84+22.26 37.7' LT	RR SPIKE IN POWER POLE #12-6-3	979.79

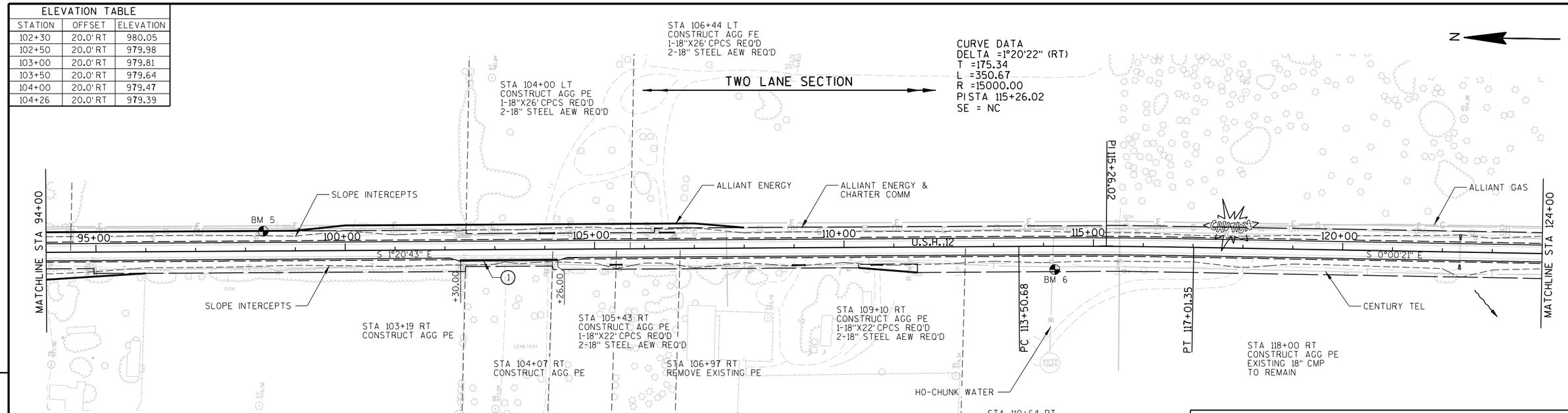
LEGEND

- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

5

PROJECT NO:1674-00-74	HWY:U.S.H. 12	COUNTY:SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 121	E

ELEVATION TABLE		
STATION	OFFSET	ELEVATION
102+30	20.0' RT	980.05
102+50	20.0' RT	979.98
103+00	20.0' RT	979.81
103+50	20.0' RT	979.64
104+00	20.0' RT	979.47
104+26	20.0' RT	979.39



5

LEGEND

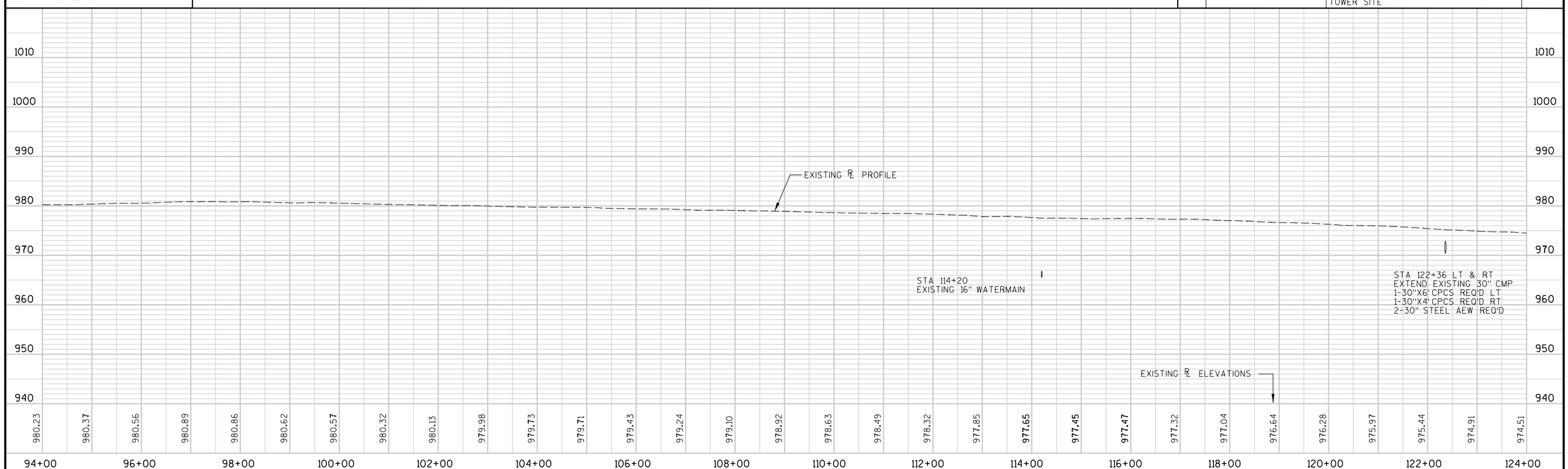
- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

(1) CONC CURB & GUTTER
6-INCH SLOPED
36-INCH TYPE D

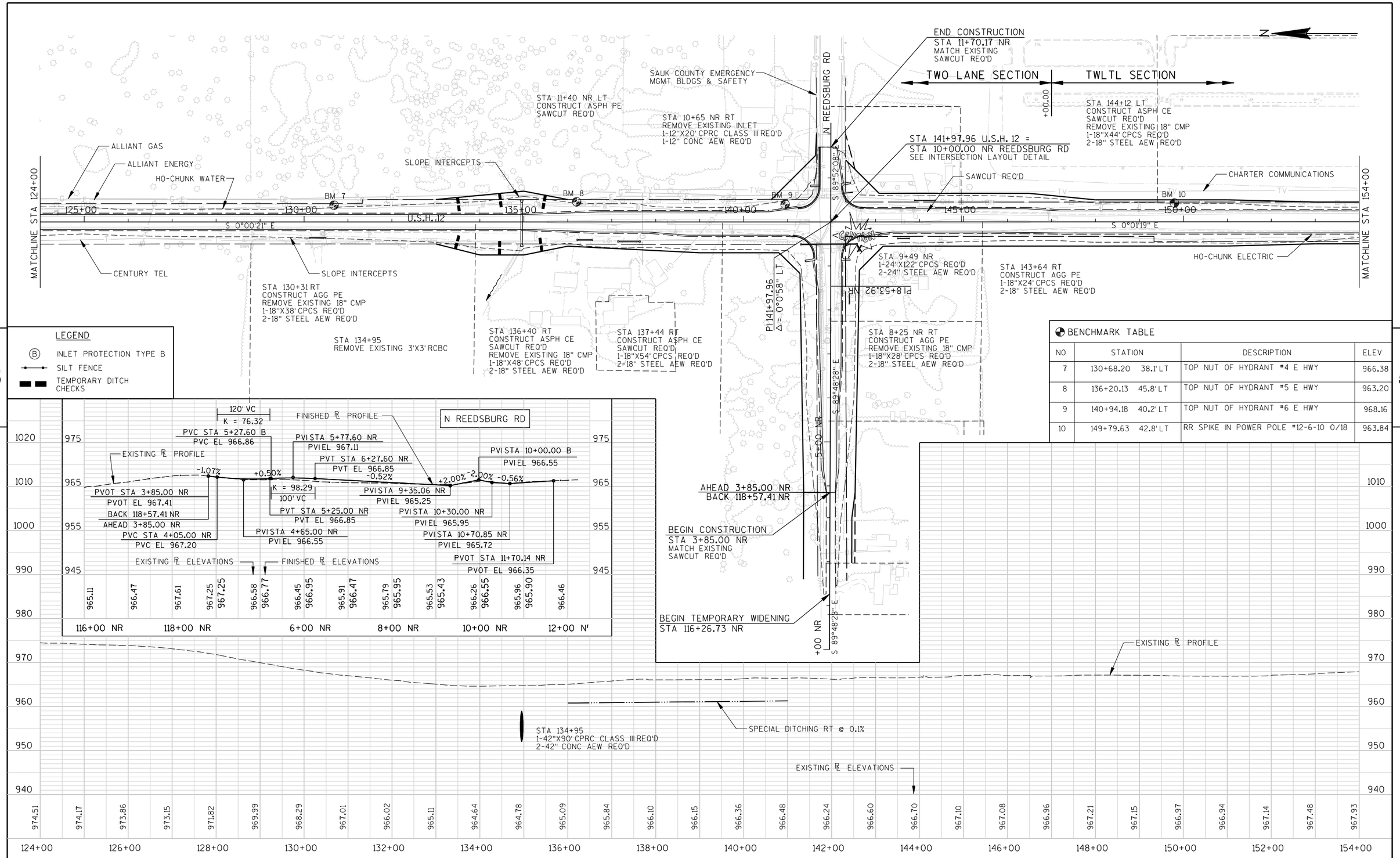
BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
5	98+35.70 39.4' LT	RR SPIKE IN POWER POLE #12-6-3 0/17	980.82
6	114+02.63 46.7' RT	TOP NUT OF HYDRANT #1 W HWY @ TOWER SITE	976.36

5



PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 122	E



BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
7	130+68.20 38.1' LT	TOP NUT OF HYDRANT #4 E HWY	966.38
8	136+20.13 45.8' LT	TOP NUT OF HYDRANT #5 E HWY	963.20
9	140+94.18 40.2' LT	TOP NUT OF HYDRANT #6 E HWY	968.16
10	149+79.63 42.8' LT	RR SPIKE IN POWER POLE #12-6-10 0/18	963.84

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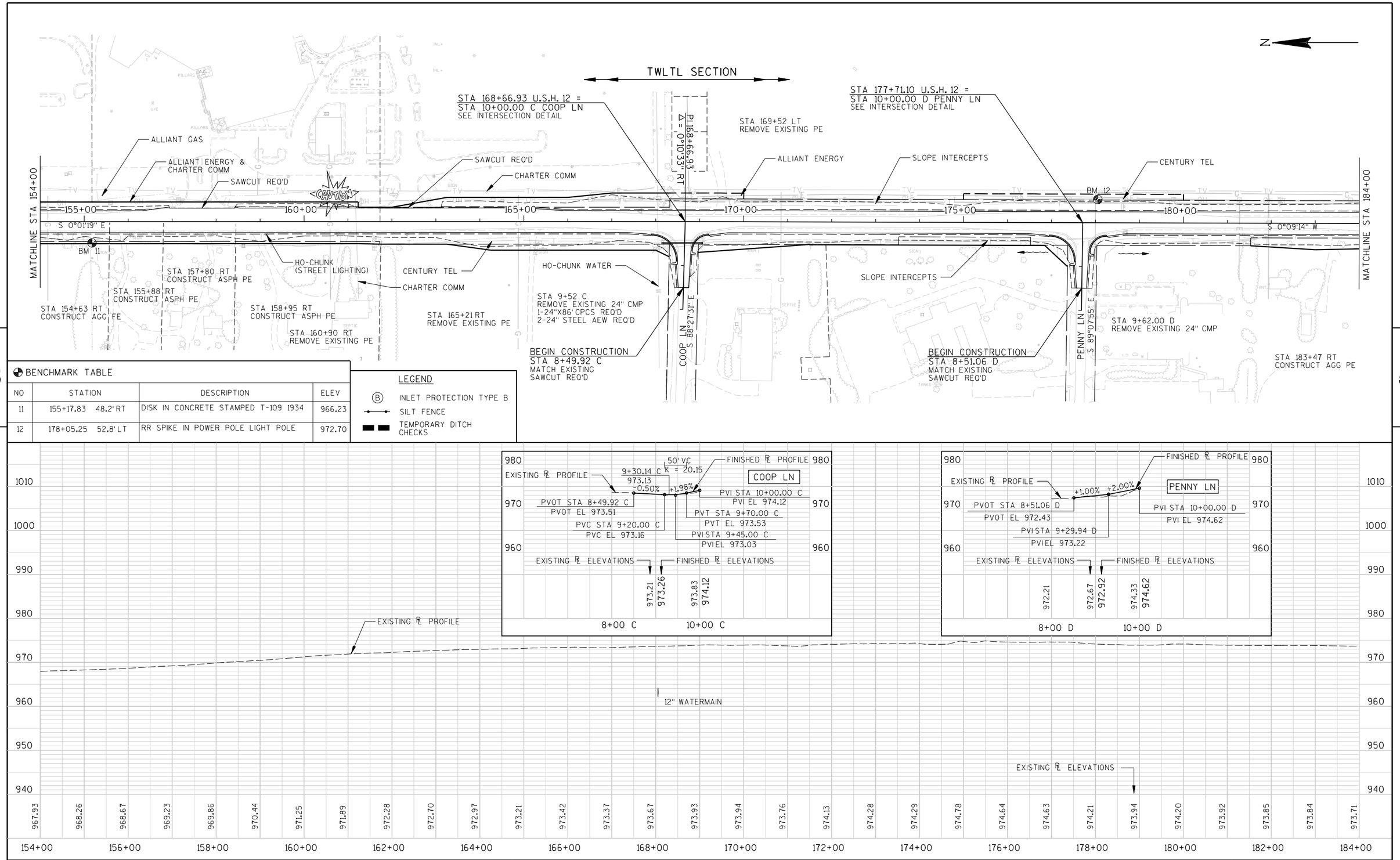
PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 123	E



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BENCHMARK TABLE

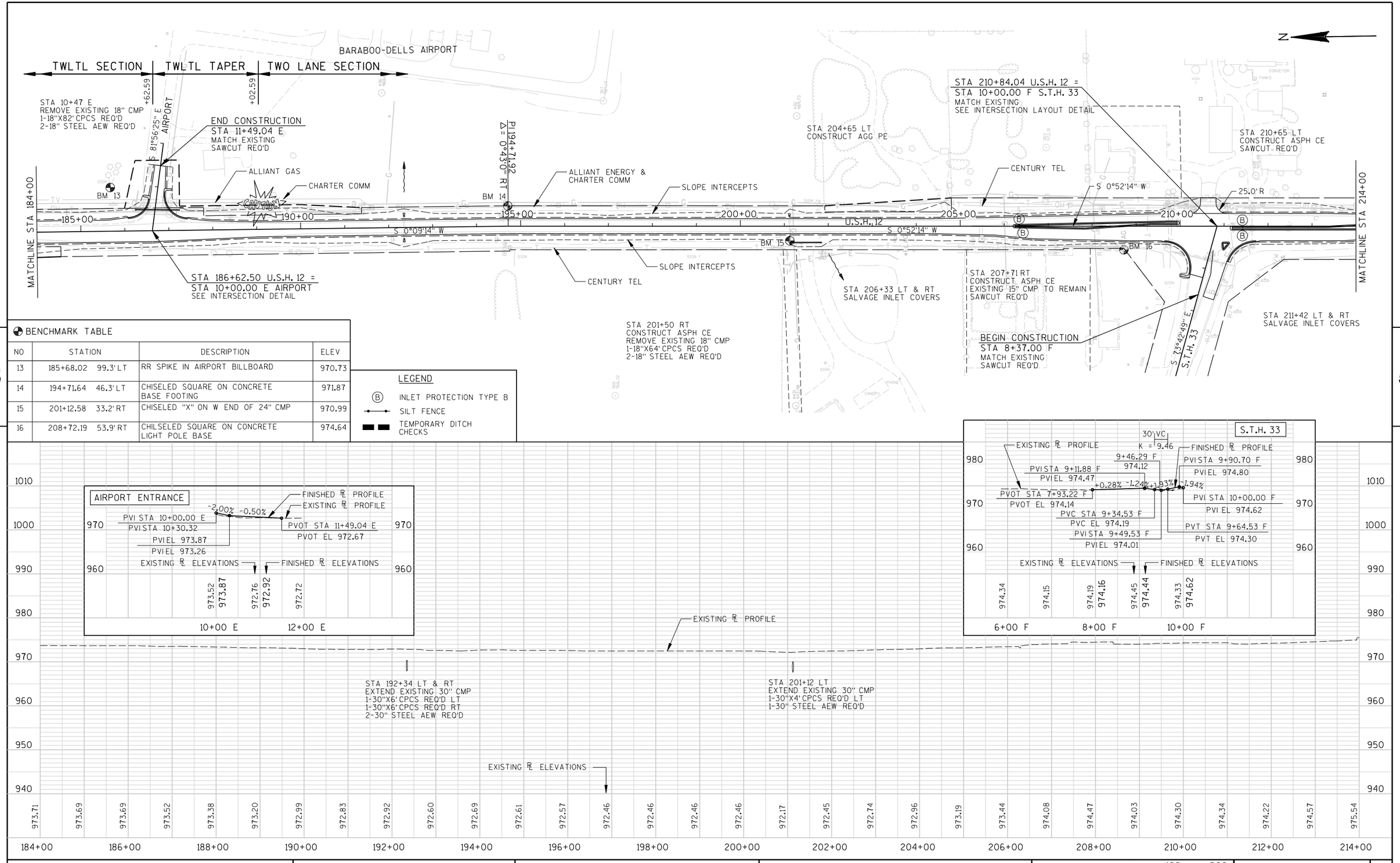
NO	STATION	DESCRIPTION	ELEV
11	155+17.83 48.2' RT	DISK IN CONCRETE STAMPED T-109 1934	966.23
12	178+05.25 52.8' LT	RR SPIKE IN POWER POLE LIGHT POLE	972.70

LEGEND

- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

5

PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 124	E



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BENCHMARK TABLE

NO	STATION		DESCRIPTION	ELEV
13	185+68.02	99.3' LT	RR SPIKE IN AIRPORT BILLBOARD	970.73
14	194+71.64	46.3' LT	CHISELED SQUARE ON CONCRETE BASE FOOTING	971.87
15	201+12.58	33.2' RT	CHISELED "X" ON W END OF 24" CMP	970.99
16	208+72.19	53.9' RT	CHILSELED SQUARE ON CONCRETE LIGHT POLE BASE	974.64

LEGEND

- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

5

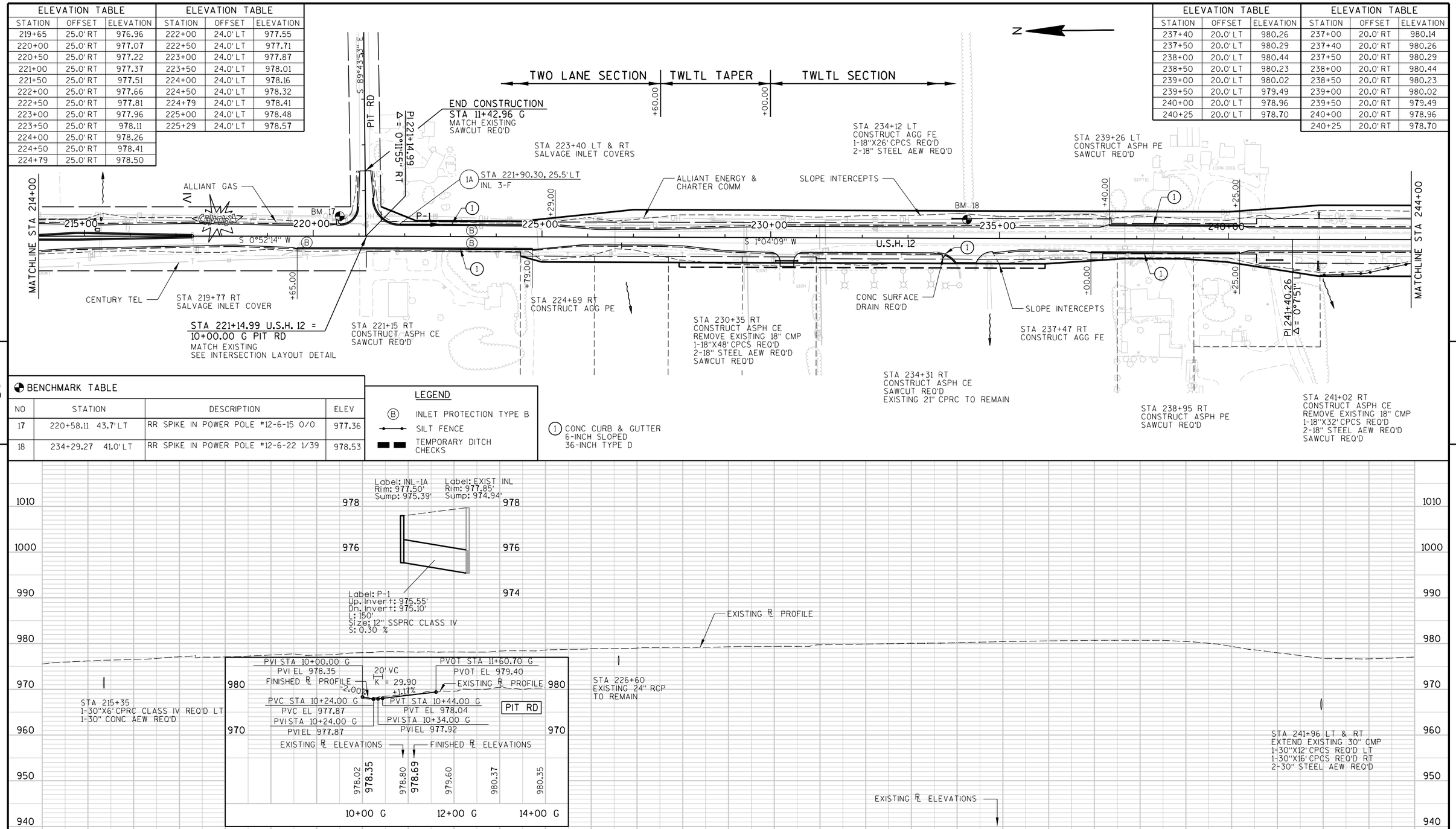
PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 125	E

ELEVATION TABLE		
STATION	OFFSET	ELEVATION
219+65	25.0' RT	976.96
220+00	25.0' RT	977.07
220+50	25.0' RT	977.22
221+00	25.0' RT	977.37
221+50	25.0' RT	977.51
222+00	25.0' RT	977.66
222+50	25.0' RT	977.81
223+00	25.0' RT	977.96
223+50	25.0' RT	978.11
224+00	25.0' RT	978.26
224+50	25.0' RT	978.41
224+79	25.0' RT	978.50

ELEVATION TABLE		
STATION	OFFSET	ELEVATION
222+00	24.0' LT	977.55
222+50	24.0' LT	977.71
223+00	24.0' LT	977.87
223+50	24.0' LT	978.01
224+00	24.0' LT	978.16
224+50	24.0' LT	978.32
224+79	24.0' LT	978.41
225+00	24.0' LT	978.48
225+29	24.0' LT	978.57

ELEVATION TABLE		
STATION	OFFSET	ELEVATION
237+40	20.0' LT	980.26
237+50	20.0' LT	980.29
238+00	20.0' LT	980.44
238+50	20.0' LT	980.23
239+00	20.0' LT	980.02
239+50	20.0' LT	979.49
240+00	20.0' LT	978.96
240+25	20.0' LT	978.70

ELEVATION TABLE		
STATION	OFFSET	ELEVATION
237+00	20.0' RT	980.14
237+50	20.0' RT	980.26
237+50	20.0' RT	980.29
238+00	20.0' RT	980.44
238+50	20.0' RT	980.23
239+00	20.0' RT	980.02
239+50	20.0' RT	979.49
240+00	20.0' RT	978.96
240+25	20.0' RT	978.70



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BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
17	220+58.11 43.7' LT	RR SPIKE IN POWER POLE #12-6-15 O/O	977.36
18	234+29.27 41.0' LT	RR SPIKE IN POWER POLE #12-6-22 1/39	978.53

LEGEND

- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

(1) CONC CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D

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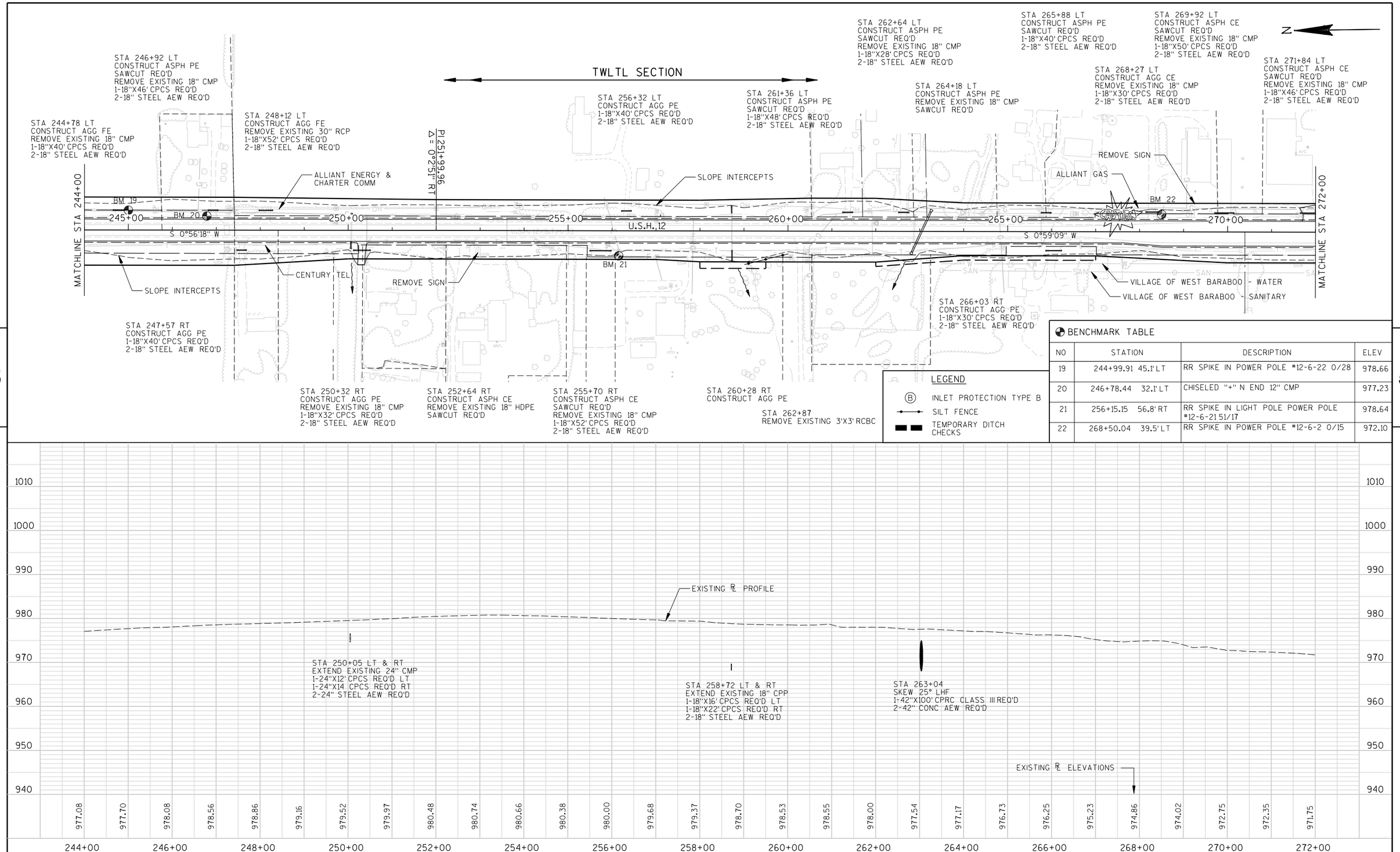
PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 126	E



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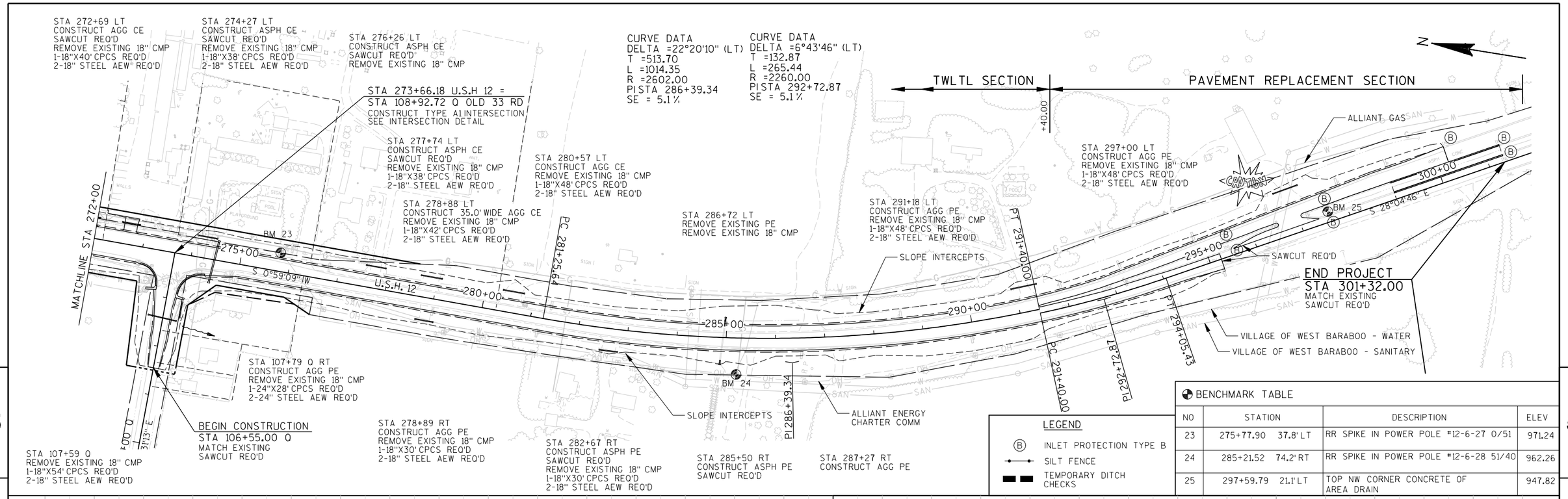
BENCHMARK TABLE

NO	STATION	DESCRIPTION	ELEV
19	244+99.91 45.1' LT	RR SPIKE IN POWER POLE #12-6-22 0/28	978.66
20	246+78.44 32.1' LT	CHISELED "+" N END 12" CMP	977.23
21	256+15.15 56.8' RT	RR SPIKE IN LIGHT POLE POWER POLE #12-6-21 51/17	978.64
22	268+50.04 39.5' LT	RR SPIKE IN POWER POLE #12-6-2 0/15	972.10

PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 127	E



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BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
23	275+77.90 37.8' LT	RR SPIKE IN POWER POLE #12-6-27 0/51	971.24
24	285+21.52 74.2' RT	RR SPIKE IN POWER POLE #12-6-28 51/40	962.26
25	297+59.79 21.1' LT	TOP NW CORNER CONCRETE OF AREA DRAIN	947.82

PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 128	E

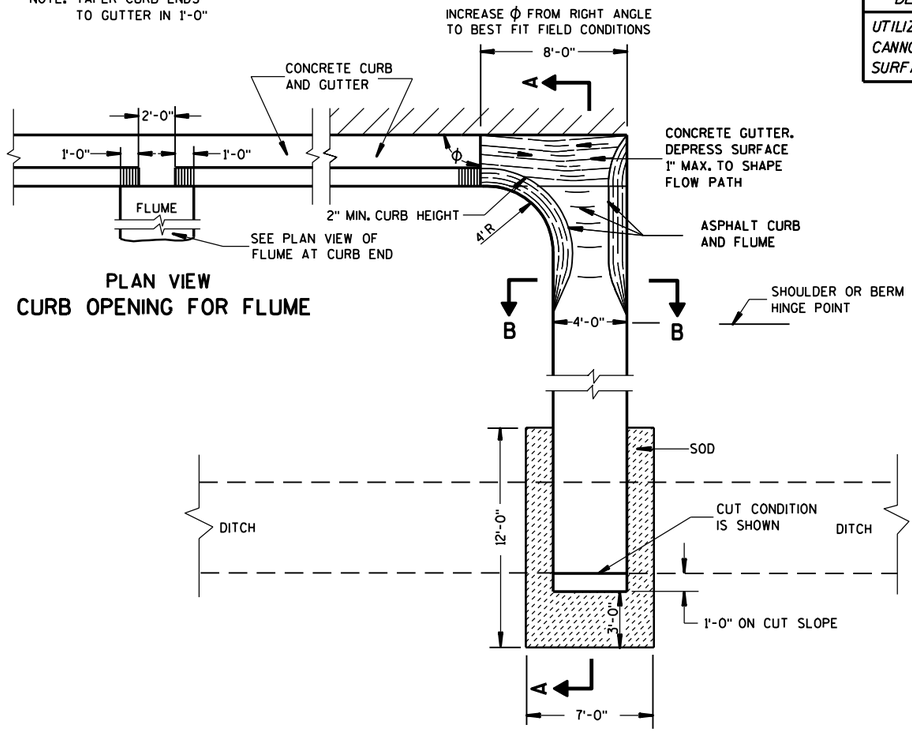
Standard Detail Drawing List

08A5-16C	INLET COVERS TYPE F, HM, HM-S, S, V, HM-GJ, & HM-GJ-S
08C1-5	INLETS TYPE 1, 2, 3 & 4
08D1-14	CONCRETE CURB, CONCRETE CURB AND GUTTER & PAVEMENT TIES
08D4-3	CONCRETE SURFACE DRAIN & ASPHALTIC FLUME
08E8-3	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E9-6	SILT FENCE
08E10-2	INLET PROTECTION TYPE A, B, C AND D
08F1-11	APRON ENDWALLS FOR CULVERT PIPE
09B2-7	CONDUIT
09B4-9	PULL BOX
09C2-4	CONCRETE BASES, TYPES 1, 2 & 5
09C3-2	TRANSFORMER/PEDESTAL BASES
09C6-4	CONCRETE CONTROL CABINET BASE, TYPE 9
09E1-8C	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 4
09E1-4G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E6-2	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09F8-3	LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW ASPHALTIC PAVEMENT)
09G1-1A	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G1-1B	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G1-1D	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G1-1E	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G1-1F	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G1-1G	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
11B2-2	CONCRETE MEDIAN NOSE
15A1-10	MARKER POST FOR RIGHT-OF-WAY
15A3-1	MARKER POSTS, FLEXIBLE, FOR CULVERT END
15C2-4A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C2-4B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C3-1	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C4-1	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C7-8A	PAVEMENT MARKING SYMBOLS
15C7-8B	PAVEMENT MARKING WORDS
15C8-10A	PAVEMENT MARKING (MAINLINE)
15C8-10B	PAVEMENT MARKING (INTERSECTIONS)
15C8-10D	PAVEMENT MARKING (LEFT TURN LANE)
15C8-10E	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C11-5	FLEXIBLE TUBULAR MARKER POST, ANCHOR & BASES
15C12-3	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C21-1	SIGNING AND MARKING FOR TWO LANE TO FOUR LANE DIVIDED TRANSITIONS
15D28-1	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

6

ASPHALTIC FLUME

NOTE: TAPER CURB ENDS TO GUTTER IN 1'-0"



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END

DESIGN NOTES: (WILL NOT APPEAR IN CONTRACT PLANS)

UTILIZE INLETS WHERE STORM WATER VOLUME AND VELOCITY CANNOT BE ACCOMODATED EFFECTIVELY WITH A FLUME OR SURFACE DRAIN.

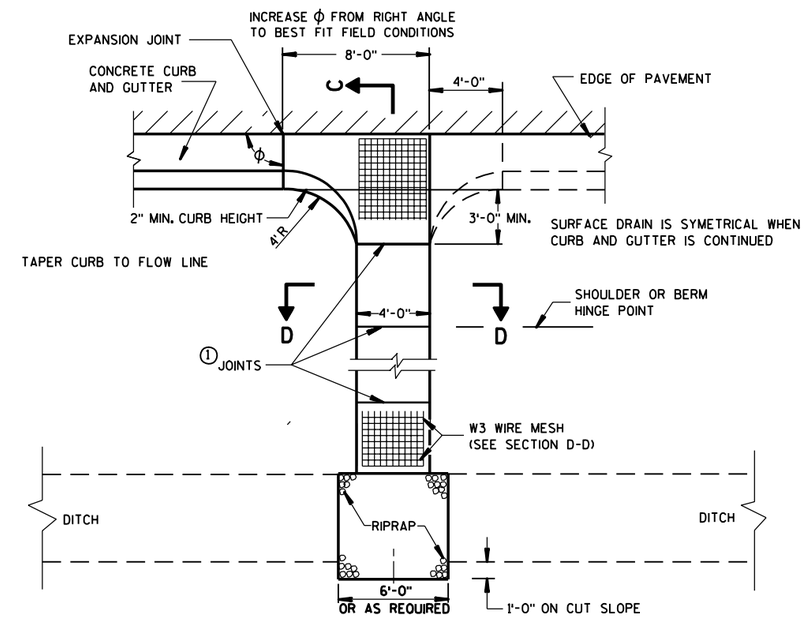
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

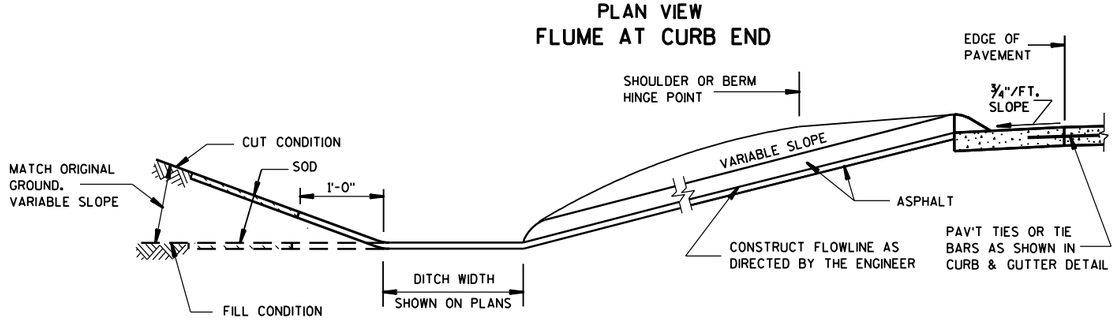
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE 1/8 TO 1/4 INCH WIDE BY 1 1/2 INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

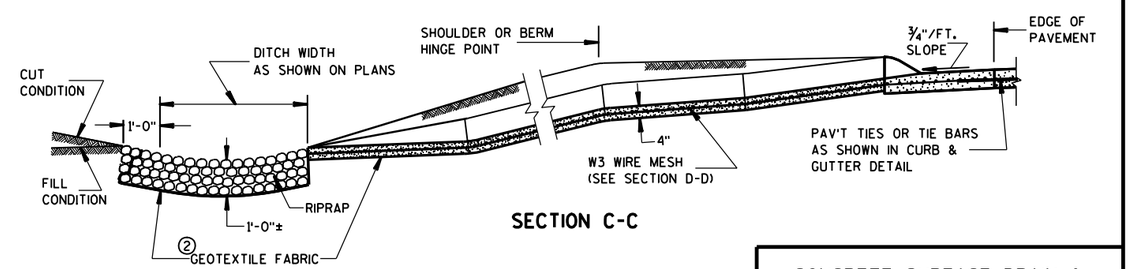
③ CONCRETE SURFACE DRAIN



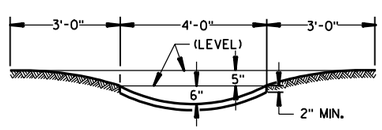
PLAN VIEW



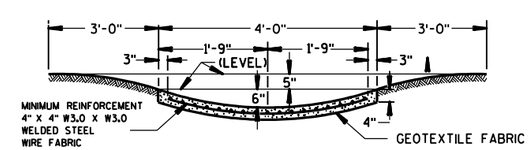
SECTION A-A



SECTION C-C



SECTION B-B



SECTION D-D

CONCRETE SURFACE DRAIN & ASPHALTIC FLUME

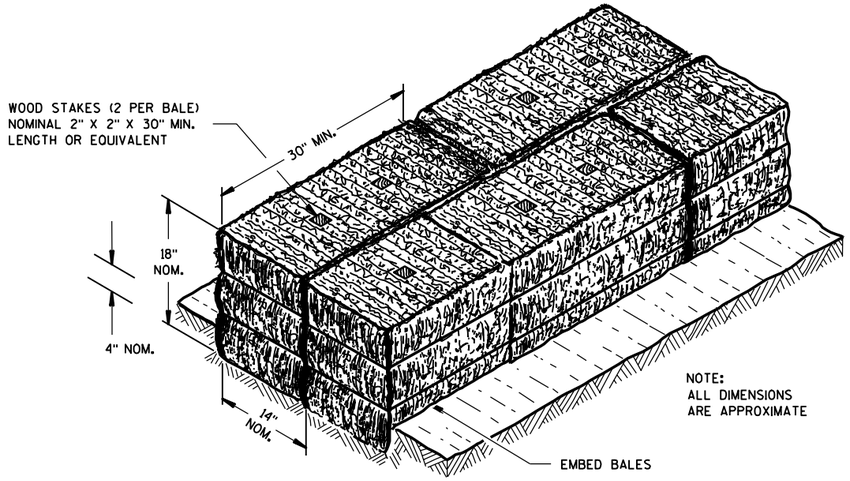
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/23/89
DATE
FHWA

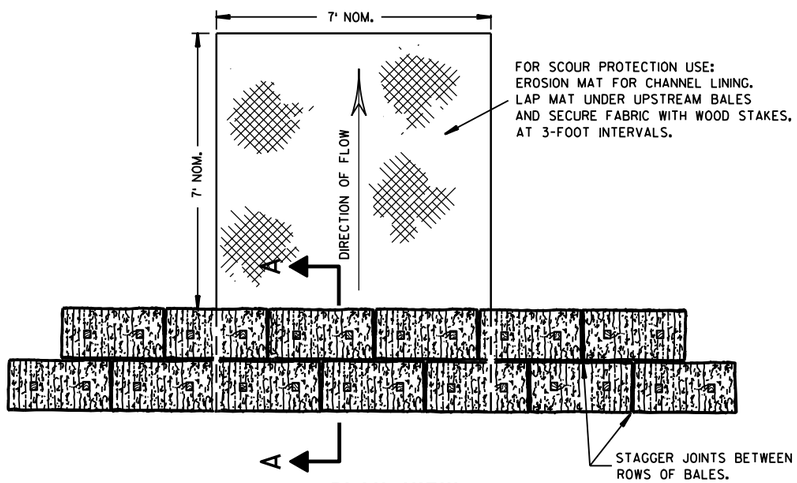
STATE DESIGN ENGINEER FOR HWYS

6

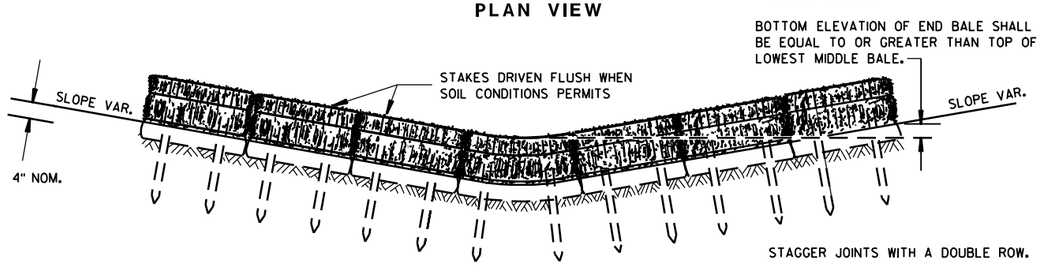
S.D.D. 8 D 4-3



SECTION A-A



PLAN VIEW



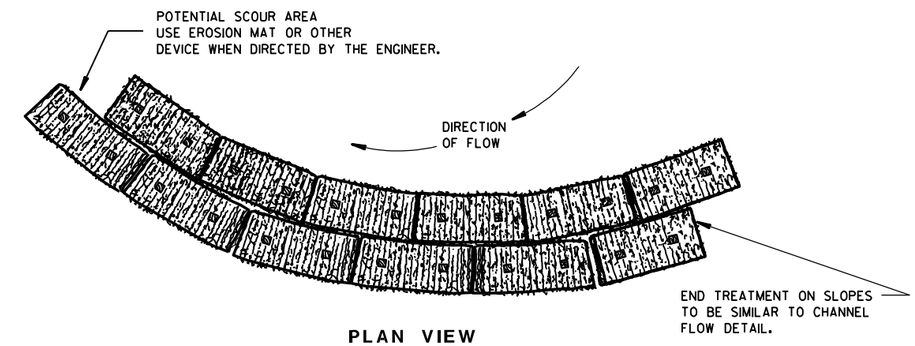
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

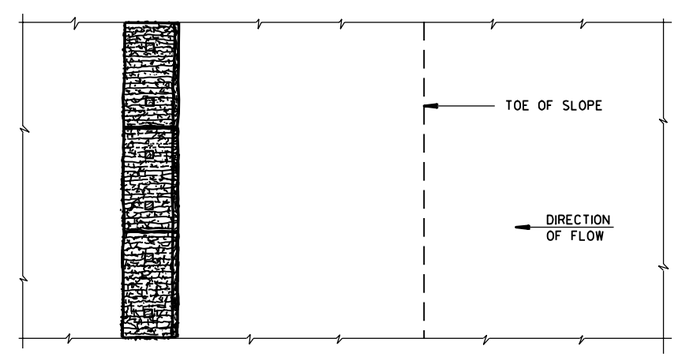
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

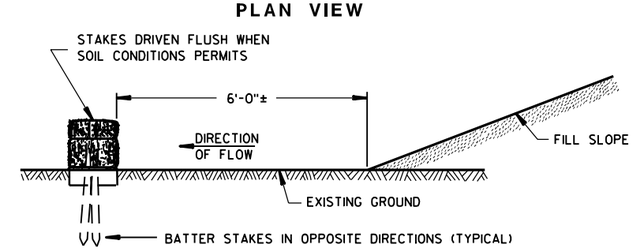


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

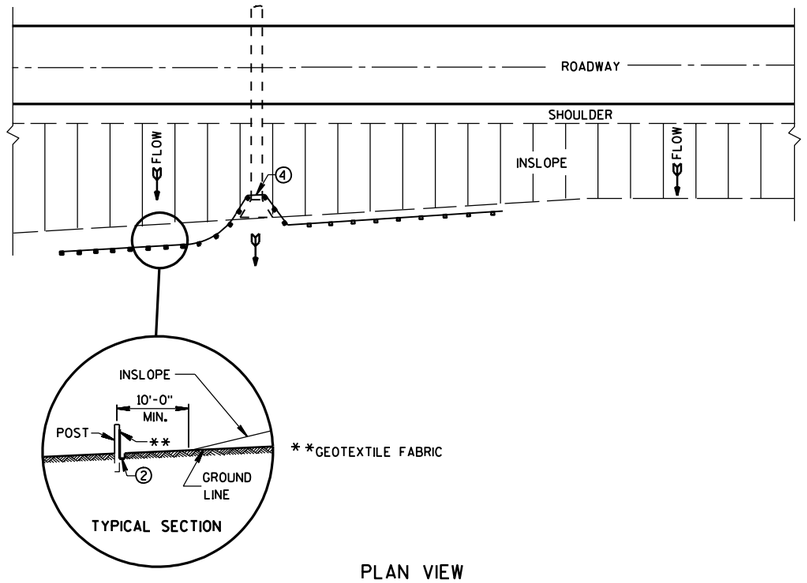
APPROVED
6/04/02
DATE
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 E 8-3

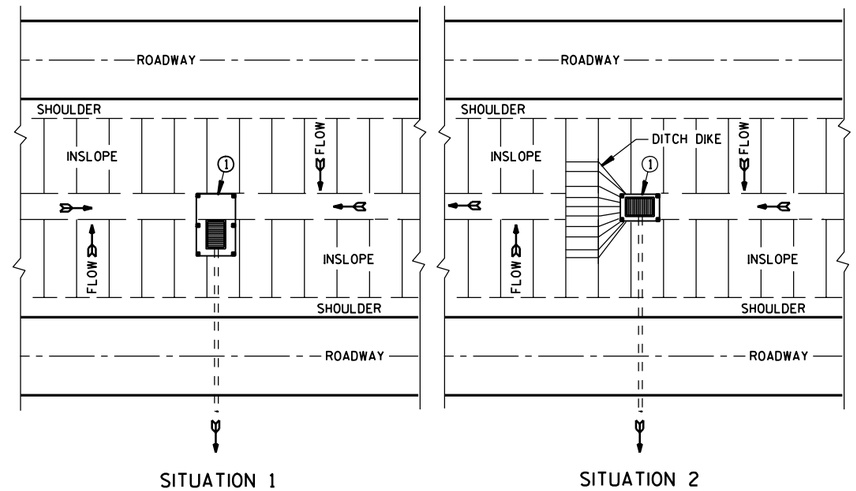
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

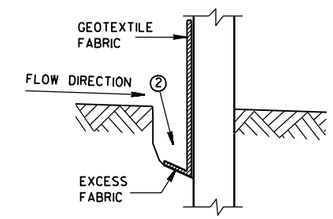
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

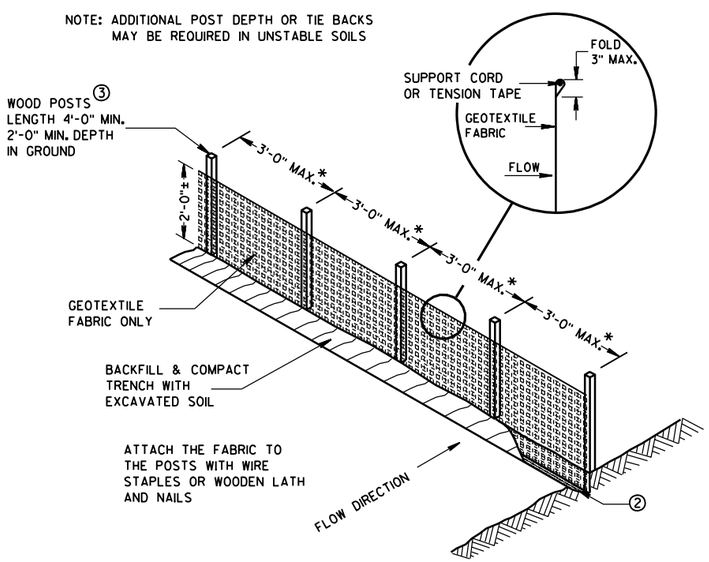
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

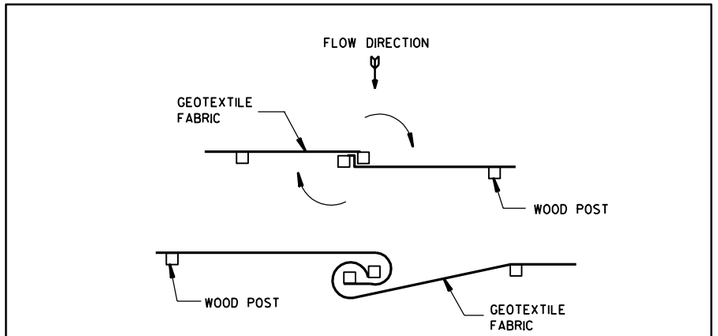
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



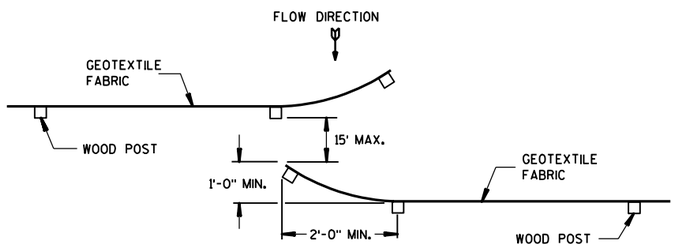
TRENCH DETAIL



SILT FENCE

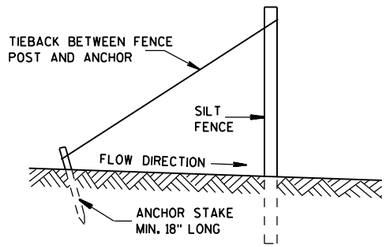


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

6

SILT FENCE

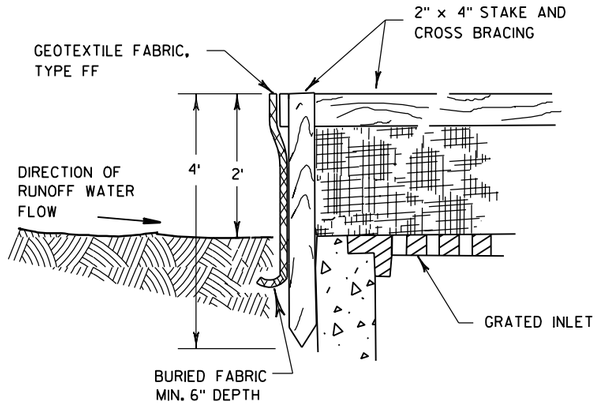
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

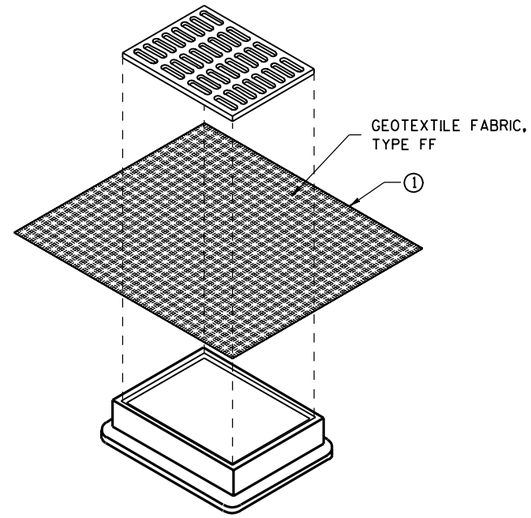
APPROVED
4-29-05
DATE
FHWA

CHIEF ROADWAY DEVELOPMENT ENGINEER

S.D.D. 8 E 9-6

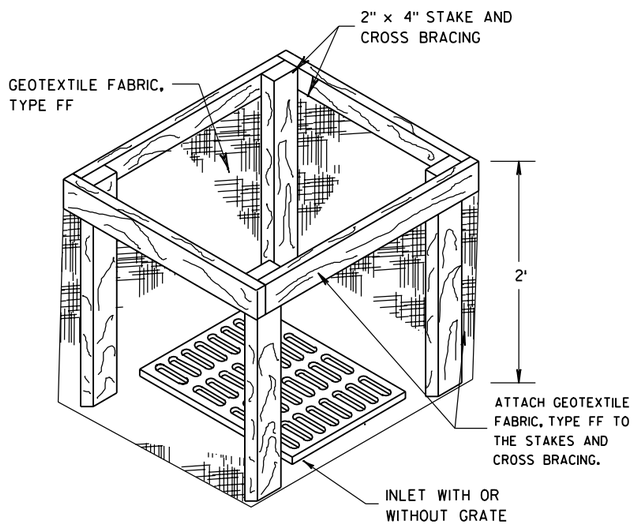
S.D.D. 8 E 9-6



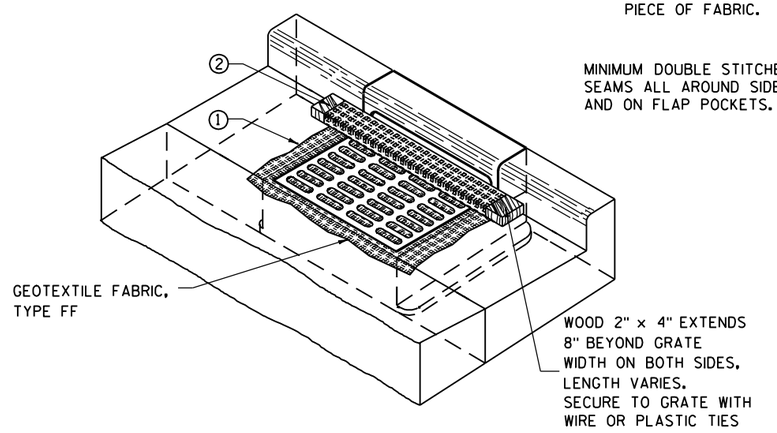


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

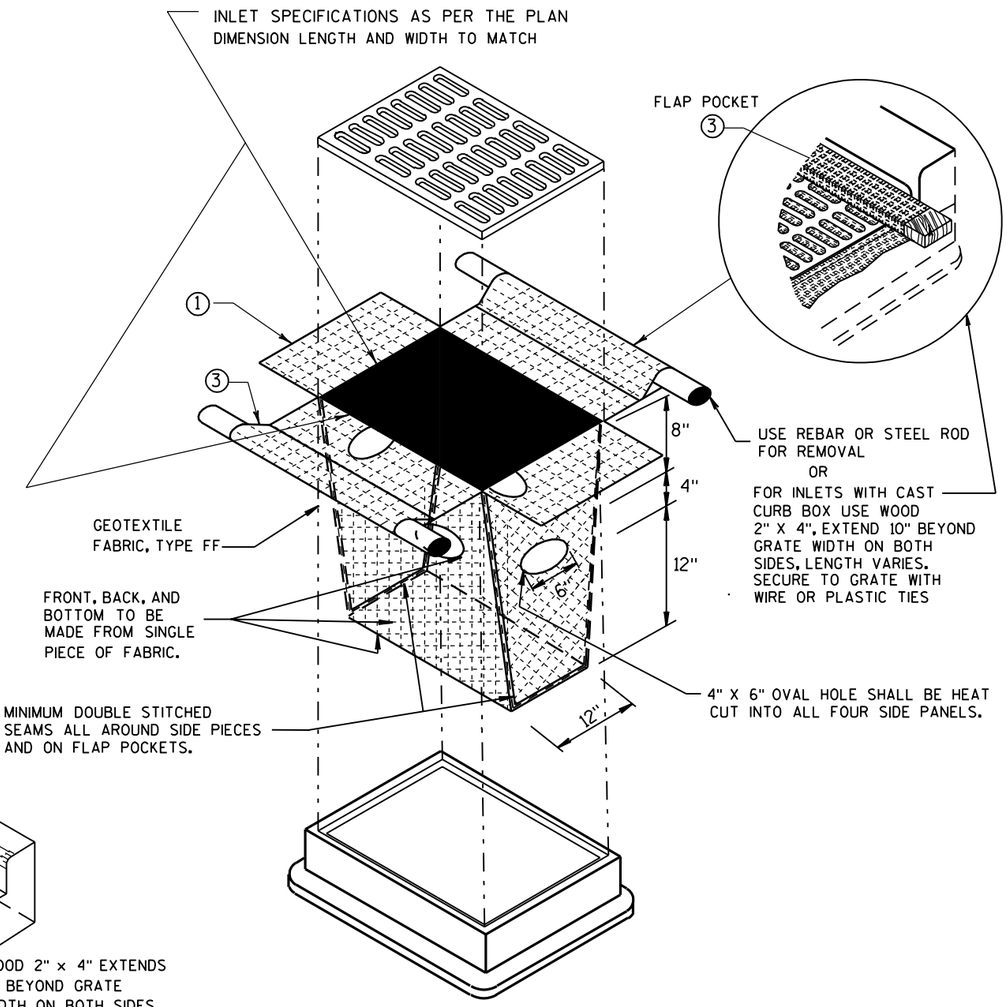
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE A



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
FHWA

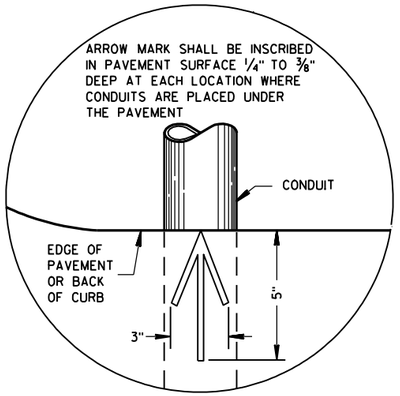
CHIEF ROADWAY DEVELOPMENT ENGINEER

6

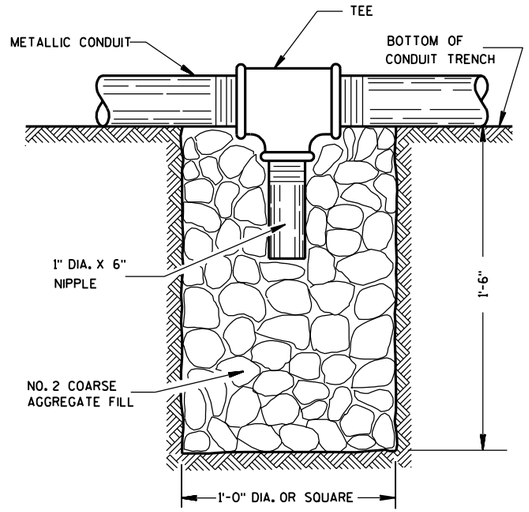
S.D.D. 8 E 10-2

6

S.D.D. 8 E 10-2

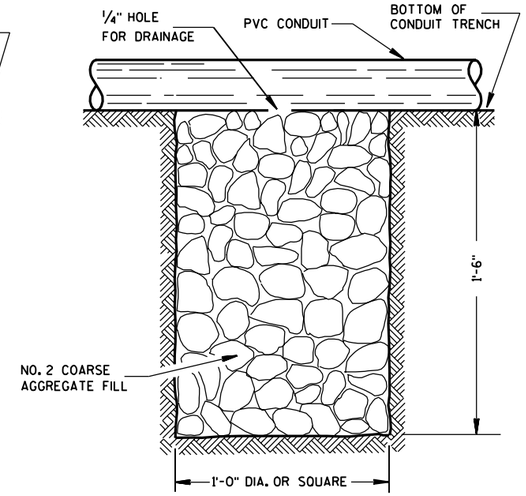


PLAN VIEW
ARROW MARK



NOTE: INSTALL AT LOCATIONS WHERE METALLIC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR METALLIC CONDUIT



NOTE: INSTALL AT LOCATIONS WHERE PVC CONDUITS CANNOT BE PITCHED TO DRAIN INTO A PULL BOX.

DRAIN SUMP FOR PVC CONDUIT

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

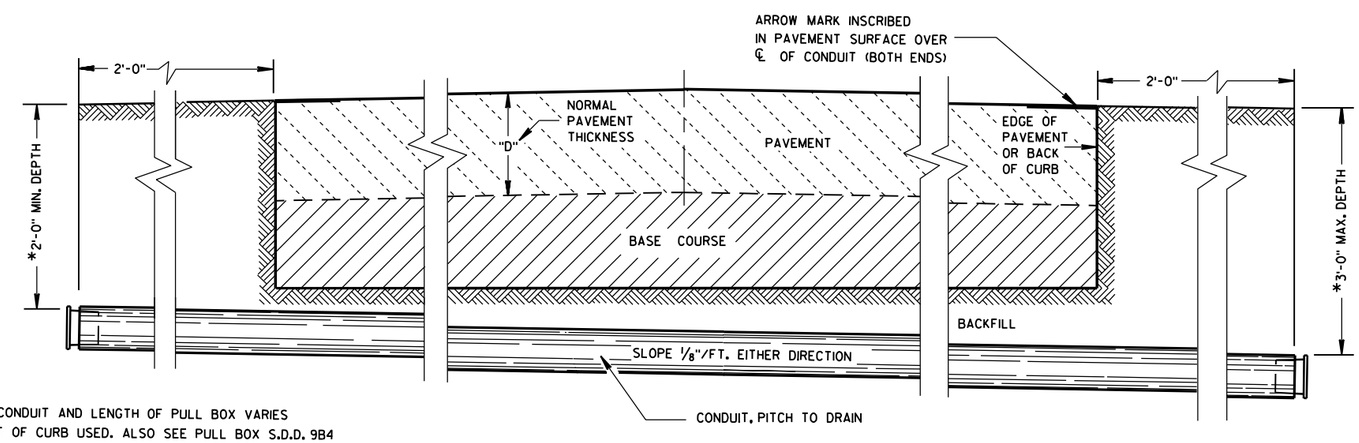
PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

POLY ROPE OR A PULL WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION
DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/23/03
DATE
FHWA

STATE ELECTRICAL ENGINEER FOR HIGHWAYS

6

S.D.D. 9 B 2-7

EARTHWORK - STAGE 1 *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE CUT CY	*CUMULATIVE FILL CY	MASS HAUL CY
U.S.H. 12							
57+00	7.1	0.2					
57+26	8.2	0	7.4	0.1	7	0	7
58+00	6.2	2.6	19.7	4.6	27	5	22
58+32	5.3	2.7	6.8	4.1	34	9	25
59+00	5.5	2.9	13.6	9.2	48	18	30
59+81	5.2	3.4	16.1	12.3	64	30	33
60+00	5.1	3.8	3.6	3.3	67	34	34
61+00	5.3	3.8	19.3	18.3	86	52	35
61+37	5.9	2.4	7.7	5.5	94	57	37
62+00	12.8	0	21.8	3.6	116	61	55
62+73	6	0.8	25.4	1.4	141	62	79
63+00	10.9	0	8.5	0.5	150	63	87
63+27	12.7	0	11.8	0.0	162	63	99
64+00	5.4	0.3	24.5	0.5	186	63	123
65+00	5.3	0.4	19.8	1.7	206	65	141
65+62	12	0	19.9	0.6	226	66	160
66+00	5.2	2.5	12.1	2.3	238	68	170
66+31	5.3	2.3	6.0	3.6	244	72	172
66+77	11.7	0	14.5	2.5	258	74	184
67+00	8	0.2	8.4	0.1	267	74	192
68+00	4.9	0.3	23.9	1.2	291	76	215
69+00	6.4	0.2	20.9	1.2	312	77	235
70+00	15.6	0	40.7	0.5	352	77	275
71+00	9.5	0	46.5	0.0	399	77	322
71+22	11.4	0	8.5	0.0	407	77	330
72+00	6	4.5	25.1	8.5	432	86	347
73+00	4.4	4.5	19.3	21.7	452	107	344
74+00	3	6.5	13.7	26.5	465	134	332
75+00	3.7	6.1	12.4	30.3	478	164	314
76+00	8.3	0	22.2	14.7	500	179	321
76+52	10.8	0	18.4	0.0	518	179	340
77+00	5.3	4.9	14.3	5.7	533	184	348
77+24	4	19.2	4.1	13.9	537	198	338
78+00	3.4	5.4	10.4	45.0	547	243	304
79+00	4.8	0.9	15.2	15.2	562	259	304
80+00	8.2	0	24.1	2.2	587	261	326
80+23	10.6	0	8.0	0.0	595	261	334
81+00	4.5	2.1	21.5	3.9	616	265	351
81+28	11.2	0	8.1	1.4	624	266	358
82+00	4.4	2.8	20.8	4.9	645	271	374
83+00	3.9	4.6	15.4	17.8	660	289	372
84+00	4.2	5.7	15.0	24.8	675	314	362
85+00	14.3	0	34.3	13.7	710	327	382
86+00	10.9	0	46.7	0.0	756	327	429
87+00	4.6	7.2	28.7	17.3	785	345	440
88+00	6	2.1	19.6	22.4	805	367	438
89+00	0	0	11.1	5.1	816	372	444
90+00	0	0	0.0	0.0	816	372	444
91+00	0	0	0.0	0.0	816	372	444
91+22	0	0	0.0	0.0	816	372	444
92+00	6.3	0	9.1	0.0	825	372	453
93+00	3.8	3.7	18.7	8.9	844	381	463
93+80	4.7	5.9	12.6	18.5	856	399	457
94+00	4.7	6.5	3.5	6.0	860	405	454
94+20	4.8	6.3	3.5	6.2	863	412	452
95+00	3.9	7.2	12.9	26.0	876	438	439
96+00	4.4	7.2	15.4	34.7	891	472	419
97+00	4.8	8.3	17.0	37.3	908	510	399
98+00	5	6.8	18.1	36.4	927	546	381
99+00	4.8	4.7	18.1	27.7	945	574	371
100+00	4.5	5.3	17.2	24.1	962	598	364
101+00	4.5	6	16.7	27.2	979	625	354
102+00	5.8	1.9	19.1	19.0	998	644	354
102+50	6	0.9	10.9	3.4	1009	647	361
103+00	4.8	1.8	10.0	3.3	1019	650	368
103+19	4.4	2.1	3.2	1.8	1022	652	370
103+50	5.4	0.7	5.6	2.1	1028	654	373
104+00	13.8	0	17.8	0.8	1045	655	390

EARTHWORK - STAGE 1 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE CUT CY	*CUMULATIVE FILL CY	MASS HAUL CY
U.S.H. 12							
105+00	5	1.1	34.8	2.6	1080	658	422
105+43	4.5	1	7.6	2.2	1088	660	428
106+00	6	0.5	11.1	2.1	1099	662	437
106+44	11.7	0	14.4	0.5	1113	663	451
107+00	7.2	0.3	19.6	0.4	1133	663	470
108+00	3.7	5.5	20.2	14.0	1153	677	476
109+00	4.1	4.6	14.4	24.3	1167	701	466
110+00	3.8	6.8	14.6	27.4	1182	729	453
110+64	3.6	6.7	8.8	20.8	1191	750	441
111+00	4	5.5	5.1	10.6	1196	760	436
112+00	4	5.3	14.8	26.0	1211	786	425
113+00	3.8	7.3	14.4	30.3	1225	816	409
114+00	4.6	6	15.6	32.0	1241	848	392
115+00	5.1	3.9	18.0	23.8	1259	872	386
116+00	4.8	2.3	18.3	14.9	1277	887	390
117+00	6.2	0.3	20.4	6.3	1297	893	404
118+00	4.8	0.3	20.4	1.4	1318	895	423
119+00	4.3	1.1	16.9	3.4	1335	898	436
120+00	4.4	2.8	16.1	9.4	1351	908	443
121+00	3.4	5	14.4	18.8	1365	926	439
122+00	2.9	9.9	11.7	35.9	1377	962	414
122+36	3	26.8	3.9	31.8	1381	994	387
123+00	5.5	2.6	10.1	45.3	1391	1039	351
124+00	6.2	1.1	21.7	8.9	1412	1048	364
125+00	7	0.4	24.4	3.6	1437	1052	385
126+00	4.7	2.4	21.7	6.7	1459	1059	400
127+00	4.9	3.7	17.8	14.7	1476	1073	403
128+00	4.8	4	18.0	18.5	1494	1092	402
129+00	4.7	3.9	17.6	19.0	1512	1111	401
130+00	4.6	5.1	17.2	21.7	1529	1133	397
130+31	4.3	7.7	5.1	9.6	1534	1142	392
131+00	3.6	14.3	10.1	36.5	1544	1179	366
132+00	4.4	14.4	14.8	69.1	1559	1248	311
133+00	4.2	23.4	15.9	91.0	1575	1339	236
134+00	4	40.5	15.2	153.8	1590	1493	98
134+95	9.2	46.6	23.2	199.2	1613	1692	-78
135+00	9.2	31.8	1.7	9.4	1615	1701	-86
136+00	8	2.9	31.9	83.5	1647	1785	-138
136+40	8.7	0	12.4	2.8	1659	1788	-128
137+00	10.3	0	21.1	0.0	1681	1788	-107
137+44	10.1	0	16.6	0.0	1697	1788	-90
138+00	11.1	0	22.0	0.0	1719	1788	-68
139+00	11.7	0	42.2	0.0	1761	1788	-26
140+00	11.9	0	43.7	0.0	1805	1788	17
141+00	0	0	22.0	0.0	1827	1788	39
142+00	0	0	0.0	0.0	1827	1788	39
N REEDSBURG ROAD			429.0	46.0	2256	1834	422
143+00	10.9	0	20.2	0.0	2276	1834	443
143+64	10.9	0	25.8	0.0	2302	1834	469
144+00	10.9	0	14.5	0.0	2317	1834	483
144+12	13.8	0	5.5	0.0	2322	1834	489
145+00	8.6	5.8	36.5	12.3	2359	1846	513
146+00	8.1	5.7	30.9	27.7	2390	1874	516
147+00	6.3	6	26.7	28.2	2416	1902	515
148+00	3.6	8.6	18.3	35.1	2435	1937	498
149+00	5.7	1.8	17.2	25.0	2452	1962	490
150+00	8.7	0	26.7	4.3	2478	1966	512
151+00	10.5	0	35.6	0.0	2514	1966	548
152+00	10.4	0	38.7	0.0	2553	1966	586
153+00	10.7	0	39.1	0.0	2592	1966	626
154+00	11.3	0	40.7	0.0	2633	1966	666
154+63	11.5	0	26.6	0.0	2659	1966	693
155+00	11	0	15.4	0.0	2675	1966	708
155+88	11.7	0	37.0	0.0	2712	1966	745
156+00	12.2	0	5.3	0.0	2717	1966	751
157+00	0	0	22.6	0.0	2739	1966	773
157+80	0	0	0.0	0.0	2739	1966	773
158+00	0	0	0.0	0.0	2739	1966	773

EARTHWORK - STAGE 1 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE CUT CY	*CUMULATIVE FILL CY	MASS HAUL CY
U.S.H. 12							
159+00	0	0	0.0	0.0	2739	1966	773
160+00	0	0	0.0	0.0	2739	1966	773
160+90	0	0	0.0	0.0	2739	1966	773
161+00	0	0	0.0	0.0	2739	1966	773
162+00	0	0	0.0	0.0	2739	1966	773
163+00	0	0	0.0	0.0	2739	1966	773
164+00	0	0	0.0	0.0	2739	1966	773
165+00	0	0	0.0	0.0	2739	1966	773
165+21	0	0	0.0	0.0	2739	1966	773
166+00	0	0	0.0	0.0	2739	1966	773
167+00	11.1	0	20.6	0.0	2760	1966	794
168+00	8.3	0	35.9	0.0	2796	1966	830
169+00	4.1	6.8	23.0	16.4	2819	1983	836
169+52	8.4	0	12.0	8.5	2831	1991	840
170+00	4.7	7.3	11.6	8.4	2843	2000	843
171+00	5	6.3	18.0	32.7	2861	2032	828
172+00	4.3	8.3	17.2	35.1	2878	2067	810
173+00	4.3	11.7	15.9	48.1	2894	2116	778
174+00	6.7	1.5	20.4	31.8	2914	2147	767
179+00	0	0					
180+00	9.5	0	17.6	0.0	2932	2147	784
181+00	4	8.3	25.0	20.0	2957	2167	789
182+00	4	10.3	14.8	44.8	2971	2212	759
183+00	3.9	11.7	14.6	53.0	2986	2265	721
183+47	3.5	13.7	6.4	28.7	2993	2294	699
184+00	3.3	19.6	6.7	42.5	2999	2336	663
185+00	3.4	15.8	12.4	85.2	3012	2422	590
186+00	10	0	24.8	38.0	3036	2460	577
187+00	0	0	18.5	0.0	3055	2460	595
188+00	5.2	0	9.6	0.0	3065	2460	605
189+00	5.3	0.8	19.4	1.9	3084	2462	622
190+00	3.8	1.9	16.9	6.5	3101	2468	633
191+00	3.4	11.1	13.3	31.3	3114	2499	615
192+00	3	19.5	11.9	73.7	3126	2573	553
192+34	3.4	21.3	4.0	33.4	3130	2606	524
193+00	3.9	9.7	8.9	49.3	3139	2656	483
194+00	4.3	5.1	15.2	35.6	3154	2691	463
195+00	4.2	4.7	15.7	23.6	3170	2715	455
196+00	4.7	5	16.5	23.4	3186	2738	448
197+00	5.2	3.4	18.3	20.2	3205	2758	446
198+00	4.2	4.8	17.4	19.7	3222	2778	444
199+00	4.4	4.9	15.9	23.4	3238	2802	437
200+00	3.9	8.6	15.4	32.5	3253	2834	419
201+00	4.5	5.1	15.6	33.0	3269	2867	402
201+12	4.4	12.7	2.0	5.1	3271	2872	399
201+50	4.6	5.4	6.3	16.6	3277	2889	389
202+00	5.2	5.6	9.1	13.2	3286	2902	384
203+00	3.9	0.9	16.9	15.6	3303	2918	386
204+00	4.1	2.3	14.8	7.7	3318	2925	393
204+65	6.5	0	12.8	3.6	3331	2929	402
205+00	5.5	2.3	7.8	1.9	3339	2931	408
206+00	6.9	1.4	23.0	8.9	3362	2940	422
206+19	8.4	0	5.4	0.6	3367	2940	427
207+00	5.7	0.6	21.2	1.2	3388	2942	447
207+71	7.7	0.9	17.6	2.6	3406	2944	462
208+00	7.3	0.7	8.1	1.1	3414	2945	469
209+00	7.1	0.1	26.7	1.9	3440	2947	493
210+00	5.9	0.7	24.1	1.9	3465	2949	515
210+65	0	0	7.1	1.1	3472	2950	521
211+00	0	0	0.0	0.0	3472	2950	521
212+00	9.1	0	16.9	0.0	3488	2950	538
213+00	6.7	0.3	29.3	0.7	3518	2951	567
214+00	5.8	0.4	23.1	1.7	3541	2953	588
215+00	4.9	3.4	19.8	9.1	3561	2962	599
215+36	7.3	14.8	8.1	15.8	3569	2978	591
216+00	9.1	2.9	19.4	27.3	3588	3005	583
217+00	12.2	0	39.4	7.0	3628	3012	616
225+00	0	0					

EARTHWORK - STAGE 1 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
226+00	7.4	0	13.7	0.0	3641	3012	630
226+60	4.9	1.5	13.7	2.2	3655	3014	641
227+00	4.7	0.9	7.1	2.3	3662	3016	646
228+00	3.9	1.2	15.9	5.1	3678	3021	657
229+00	2.8	6.1	12.4	17.6	3691	3039	652
230+00	2.9	6.3	10.6	29.9	3701	3069	632
230+35	3	9.8	3.8	13.6	3705	3082	623
231+00	3.8	12.8	8.2	35.4	3713	3118	595
232+00	4.2	6	14.8	45.3	3728	3163	565
233+00	4	6.6	15.2	30.3	3743	3193	550
234+00	5.1	0.4	16.9	16.9	3760	3210	550
234+12	5.3	0.1	2.3	0.1	3762	3210	552
235+00	3.6	7.5	14.5	16.1	3777	3226	550
236+00	4.8	6	15.6	32.5	3792	3259	533
237+00	5.4	1.3	18.9	17.6	3811	3276	535
237+47	24.4	0	25.9	1.5	3837	3278	559
238+00	52.2	0	75.2	0.0	3912	3278	634
239+00	42.7	0	175.7	0.0	4088	3278	810
239+26	19.6	0	30.0	0.0	4118	3278	840
240+00	22.1	0	57.1	0.0	4175	3278	897
240+78	8.7	0	44.5	0.0	4220	3278	942
241+00	5.2	19.2	5.7	10.2	4225	3288	937
241+96	3.5	72	15.5	210.8	4241	3499	742
242+00	3.4	72.2	0.5	13.9	4241	3513	729
243+00	5	9.4	15.6	196.4	4257	3709	548
244+00	5.2	6.7	18.9	38.8	4276	3748	528
244+78	9.7	0	21.5	12.6	4297	3760	537
245+00	7.8	2.7	7.1	1.4	4304	3762	542
246+00	6	2.5	25.6	12.5	4330	3774	556
247+00	16.1	0	40.9	6.0	4371	3780	590
247+57	6.9	2.1	24.3	2.9	4395	3783	612
248+00	15.6	0	17.9	2.2	4413	3786	628
249+00	6.4	2	40.7	4.8	4454	3790	663
250+00	4.1	9	19.4	26.5	4473	3817	656
250+06	3.9	16.6	0.9	3.7	4474	3821	654
250+08	3.8	20.4	0.3	1.8	4474	3822	652
250+32	3.7	10.5	3.3	17.9	4478	3840	638
251+00	4.8	7.1	10.7	28.8	4488	3869	620
252+00	4.2	10.7	16.7	42.9	4505	3912	593
252+64	4.6	8.9	10.4	30.2	4516	3942	574
253+00	5.4	7.6	6.7	14.3	4522	3956	566
254+00	6.9	3.7	22.8	27.2	4545	3984	562
255+00	7	2	25.7	13.7	4571	3997	574
255+70	7.6	0.9	18.9	4.9	4590	4002	588
256+00	8.3	0.5	8.8	1.0	4599	4003	595
256+32	15.5	0	14.1	0.4	4613	4004	609
257+00	4.4	2.5	25.1	4.1	4638	4008	630
258+00	3.3	31.7	14.3	82.3	4652	4090	562
258+72	2.5	71.6	7.7	179.1	4660	4269	391
259+00	3	43.2	2.9	77.4	4663	4346	316
260+00	3.5	4	12.0	113.6	4675	4460	215
260+28	3.1	4	3.4	5.4	4678	4465	213
261+00	4	0.4	9.5	7.6	4687	4473	214
261+36	14.7	0	12.5	0.3	4700	4473	227
262+00	3	10.3	21.0	15.9	4721	4489	232
262+64	6.7	0	11.5	15.9	4732	4505	227
262+84	2.8	46.2	3.5	22.2	4736	4527	209
263+00	2.6	62.2	1.6	41.8	4738	4569	168
263+23	2.4	57.6	2.1	66.3	4740	4635	104
264+00	4.8	5.2	10.3	116.4	4750	4752	-2
264+18	9.5	0	4.8	2.3	4755	4754	1
265+00	8.4	0.4	27.2	0.8	4782	4755	27
266+00	11.2	0	36.3	1.0	4818	4756	62
267+00	3.5	8.4	27.2	20.2	4845	4776	69
268+00	4.9	5.9	15.6	34.4	4861	4811	50
268+27	12	0	8.5	3.8	4869	4814	55
269+00	8.7	0.3	28.0	0.5	4897	4815	82
270+00	11.6	0	37.6	0.7	4935	4816	119

EARTHWORK - STAGE 1 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
271+00	11.7	0	43.1	0.0	4978	4816	163
272+00	9.8	0	39.8	0.0	5018	4816	202
272+69	10.8	0	26.3	0.0	5044	4816	229
273+00	10.3	0	12.1	0.0	5056	4816	241
274+00	10.4	0	38.3	0.0	5095	4816	279
274+27	11.7	0	11.1	0.0	5106	4816	290
274+48	11.9	0	9.2	0.0	5115	4816	299
275+00	10.2	0	21.3	0.0	5136	4816	321
276+00	12.2	0	41.5	0.0	5178	4816	362
276+26	17.4	0	14.3	0.0	5192	4816	376
277+00	7.9	0	34.7	0.0	5227	4816	411
277+74	14.3	0	30.4	0.0	5257	4816	441
278+00	5.4	0.5	9.5	0.3	5267	4816	451
279+00	11.3	0	30.9	1.2	5297	4817	480
280+00	2.9	5.5	26.3	13.2	5324	4830	493
280+57	9.6	0	13.2	7.5	5337	4838	499
281+00	4.7	0.9	11.4	0.9	5348	4839	509
282+00	5.7	0.3	19.3	2.9	5368	4842	526
282+67	5.3	1	13.6	2.1	5381	4844	537
283+00	3.3	6.3	5.3	5.8	5386	4850	537
284+00	6.3	0.9	17.8	17.3	5404	4867	537
284+89	3.9	7.8	16.8	18.6	5421	4886	535
284+96	3.8	13	1.0	3.5	5422	4889	533
285+00	3.8	7.6	0.6	2.0	5423	4891	532
285+50	4.1	5.2	7.3	15.4	5430	4906	523
286+00	4.6	4.6	8.1	11.8	5438	4918	520
286+72	19.4	0	32.0	8.0	5470	4926	544
287+00	6.8	0	13.6	0.0	5484	4926	557
287+27	5.7	1.1	6.3	0.7	5490	4927	563
288+00	5.2	2	14.7	5.4	5505	4932	572
289+00	7	0.7	22.6	6.5	5527	4939	588
290+00	3.7	0.3	19.8	2.4	5547	4941	606
291+00	6.3	0	18.5	0.7	5565	4942	623
291+18	9	0	5.1	0.0	5571	4942	629
292+00	7.8	0	25.5	0.0	5596	4942	654
293+00	9.6	0	32.2	0.0	5628	4942	686
294+00	7.8	0	32.2	0.0	5661	4942	718
295+00	5.6	0	24.8	0.0	5685	4942	743
299+00	36	0	308.1	0.0	5994	4942	1051
300+00	36	0	133.3	0.0	6127	4942	1185
301+00	36	0	133.3	0.0	6260	4942	1318
301+32	36	0	42.7	0.0	6303	4942	1361

EARTHWORK - STAGE 2 *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
57+00	18	0					
57+26	18	0.5	17.3	0.3	17	0	17
58+00	21.75	0.25	54.5	1.3	72	2	70
58+32	21.75	0.25	25.8	0.4	98	2	96
59+00	13.2	0.7	44.0	1.6	142	4	138
59+81	42	0.7	82.8	2.7	224	6	218
60+00	44.75	0	30.5	0.3	255	7	248
61+00	14.4	0.81	109.5	2.0	364	9	356
61+37	29.85	0	30.3	0.7	395	9	385
62+00	11.85	0.2	48.7	0.3	443	10	434
62+73	49.2	0	82.5	0.4	526	10	516
63+00	48.86	0	49.0	0.0	575	10	565
63+27	39.6	0	44.2	0.0	619	10	609
64+00	22	10	83.3	17.6	702	28	675
65+00	18	13.9	74.1	57.5	777	85	691
65+62	15.2	14	38.1	41.6	815	127	688
66+00	15	13.3	21.3	25.0	836	152	684
66+31	34.4	0	28.4	9.9	864	162	703
66+77	34.4	0	58.6	0.0	923	162	761
67+00	54	0	37.7	0.0	961	162	799

EARTHWORK - STAGE 2 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
68+00	36.85	0.35	168.2	0.8	1129	162	966
69+00	14.8	4.31	95.6	11.2	1224	174	1051
70+00	8	11.5	42.2	38.1	1267	212	1055
71+00	6.23	20	26.4	75.8	1293	288	1005
71+22	6.2	20	5.1	21.2	1298	309	989
72+00	6.3	21	18.1	77.0	1316	386	930
73+00	6.1	21	23.0	101.1	1339	487	852
74+00	35.2	0	76.5	50.6	1416	537	878
75+00	35.2	0.75	130.4	1.8	1546	539	1007
76+00	6	15.2	76.3	38.4	1622	578	1045
76+52	7.1	16.1	12.6	39.2	1635	617	1018
77+00	6.5	15.8	12.1	36.9	1647	654	993
77+24	6.5	22	5.8	21.8	1653	676	977
78+00	6.2	14.4	17.9	66.6	1671	742	928
79+00	7.6	10	25.6	58.7	1696	801	895
80+00	8.2	9.7	29.3	47.4	1725	848	877
80+23	8.2	10	7.0	10.9	1732	859	873
81+00	9.1	10.1	24.7	37.3	1757	896	861
81+28	7.5	11.1	8.6	14.3	1766	911	855
82+00	7.4	11.2	19.9	38.7	1786	949	836
83+00	8.5	3.4	29.4	35.1	1815	985	830
84+00	10.3	9.5	34.8	31.1	1850	1016	834
85+00	2.3	12.3	23.3	52.5	1873	1068	805
86+00	2.1	3.4	8.1	37.8	1881	1106	775
87+00	14.1	0	30.0	8.2	1911	1114	797
88+00	16.5	0	56.7	0.0	1968	1114	854
89+00	0	0	30.6	0.0	1999	1114	884
SHADY LANE			250.0	0.0	2249	1114	1134
90+00	13.4	0	24.8	0.0	2273	1114	1159
91+00	2.8	15.2	30.0	36.6	2303	1151	1153
91+22	7.9	14.2	4.4	15.6	2308	1166	1141
92+00	2.9	8.5	15.6	42.6	2323	1209	1114
93+00	4	2.4	12.8	26.2	2336	1235	1101
93+80	28.2	2.4	47.7	9.2	2384	1244	1139
94+00	24.7	0	19.6	1.2	2403	1245	1158
94+20	21.4	2.5	17.1	1.2	2420	1247	1174
95+00	3	7.7	36.1	19.6	2457	1266	1190
96+00	2.2	10.9	9.6	44.8	2466	1311	1155
97+00	2.5	11.8	8.7	54.6	2475	1366	1109
98+00	2.5	9.1	9.3	50.3	2484	1416	1068
99+00	3.9	5.6	11.9	35.4	2496	1451	1045
100+00	3.3	8.5	13.3	33.9	2509	1485	1024
101+00	2.8	11.8	11.3	48.9	2521	1534	986
102+00	2.7	7.4	10.2	46.2	2531	1580	950
102+50	2.7	7.2	5.0	17.6	2536	1598	938
103+00	3.2	1	5.5	9.9	2541	1608	933
103+19	3.2	1	2.3	0.9	2544	1609	935
103+50	3.2	1	3.7	1.5	2547	1610	937
104+00	6	0	8.5	1.2	2556	1612	944
105+00	1.7	4.8	14.3	11.6	2570	1623	947
105+43	17.2	2	15.1	7.0	2585	1630	955
106+00	3.8	4.2	22.2	8.5	2607	1639	969
106+44	3.2	1.5	5.7	6.0	2613	1645	968
107+00	17.3	0	21.3	2.0	2634	1647	987
108+00	1.95	4.8	35.6	11.6	2670	1658	1012
109+00	14.1	0	29.7	11.6	2700	1670	1030
110+00	2.3	7.2	30.4	17.3	2730	1687	1043
110+64	15.5	0	21.1	11.1	2751	1698	1053
111+00	2.6	3.5	12.1	3.0	2763	1701	1062
112+00	2.3	5.4	9.1	21.4	2772	1723	1049
113+00	3.2	6.1	10.2	27.7	2782	1750	1032
114+00	2.5	10.2	10.6	39.2	2793	1790	1003
115+00	2.5	7.1	9.3	41.6	2802	1831	971
116+00	2.3	6.2	8.9	32.0	2811	1863	948
117+00	2.5	4.8	8.9	26.5	2820	1890	930
118+00	20.1	0	41.9	11.6	2862	1901	960
119+00	3.5	6.2	43.7	14.9	2905	1916	989
120+00	2.3	7.2	10.7	32.3	2916	1949	968

EARTHWORK - STAGE 2 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
121+00	0.8	10.4	5.7	42.4	2922	1991	931
122+00	0.8	12.7	3.0	55.6	2925	2047	878
122+36	9.2	19	6.7	27.5	2932	2074	858
123+00	2.3	14.7	13.6	51.9	2945	2126	819
124+00	3.4	8.6	10.6	56.1	2956	2182	774
125+00	3.5	3.3	12.8	28.6	2969	2211	758
126+00	2.8	9.4	11.7	30.6	2980	2241	739
127+00	2.8	12.4	10.4	52.5	2991	2294	697
128+00	2.3	15.3	9.4	66.7	3000	2360	640
129+00	1.7	14.7	7.4	72.2	3007	2433	575
130+00	1.5	17.7	5.9	78.0	3013	2511	503
130+31	25.8	0	15.7	13.2	3029	2524	505
131+00	1.8	13.4	35.3	22.3	3064	2546	518
132+00	1.7	16.8	6.5	72.7	3071	2619	452
133+00	2	26.8	6.9	105.0	3078	2724	354
134+00	1.9	38.5	7.2	157.2	3085	2881	204
134+95	2.2	135.2	7.2	397.3	3092	3278	-186
135+00	2.6	97.3	0.4	28.0	3093	3306	-214
136+00	7.1	0	18.0	234.2	3110	3540	-430
136+40	57	0	47.5	0.0	3158	3540	-382
137+00	64.5	3.5	135.0	5.1	3293	3545	-253
137+44	73.2	0	112.2	3.7	3405	3549	-144
138+00	35.9	5.5	113.1	7.4	3518	3557	-38
139+00	52	11.1	162.8	40.0	3681	3597	85
140+00	50	5.7	188.9	40.4	3870	3637	233
141+00	54.5	2.5	193.5	19.7	4064	3657	407
142+00	0	0	100.9	6.0	4164	3663	502
N REEDSBURG ROAD			1663.0	0.0	5827	3663	2165
143+00	32.6	1.8	60.4	4.3	5888	3667	2221
143+64	32.6	0	77.3	2.8	5965	3670	2295
144+00	33.1	0	43.8	0.0	6009	3670	2339
144+12	26.7	0	13.3	0.0	6022	3670	2352
145+00	24.3	0	83.1	0.0	6105	3670	2435
146+00	8.6	4.8	60.9	11.6	6166	3681	2485
147+00	8.8	16.3	32.2	50.8	6198	3732	2466
148+00	8.4	15.9	31.9	77.5	6230	3810	2421
149+00	9.7	12.7	33.5	68.9	6264	3879	2385
150+00	17.6	4.3	50.6	40.9	6314	3920	2395
151+00	27.6	1.2	83.7	13.2	6398	3933	2465
152+00	6.7	1.1	63.5	5.5	6462	3938	2523
153+00	5.4	1.4	22.4	6.0	6484	3944	2540
154+00	4.1	1	17.6	5.8	6502	3950	2551
154+63	4.5	1.3	10.0	3.5	6512	3954	2558
155+00	4.3	0.2	6.0	1.3	6518	3955	2563
155+88	5.1	1.5	15.3	3.6	6533	3959	2574
156+00	3.9	0	2.0	0.4	6535	3959	2576
157+00	1.4	0.45	9.8	1.1	6545	3960	2585
157+80	5.1	0	9.6	0.9	6554	3961	2593
158+00	3.6	0	3.2	0.0	6558	3961	2597
159+00	5.8	0	17.4	0.0	6575	3961	2614
160+00	3.9	0.1	18.0	0.2	6593	3961	2632
160+90	4.6	0	14.2	0.2	6607	3961	2646
161+00	3.2	0	1.4	0.0	6609	3961	2647
162+00	3.5	1.4	12.4	3.4	6621	3965	2656
163+00	10.1	0	25.2	3.4	6646	3968	2678
164+00	35.4	0	84.3	0.0	6730	3968	2762
165+00	33.9	0	128.3	0.0	6859	3968	2891
165+21	47	0	31.5	0.0	6890	3968	2922
166+00	24.4	6.9	104.5	13.1	6995	3981	3013
167+00	11.1	6.7	65.7	32.7	7060	4014	3046
168+00	11.1	0	41.1	16.1	7102	4030	3071
COOP LANE			250.0	0.0	7352	4030	3321
169+00	11.1	0	41.1	0.0	7393	4030	3363
169+52	17.8	6.8	27.8	8.5	7420	4039	3382
170+00	15.6	12	29.7	21.7	7450	4060	3390
171+00	10.9	11.9	49.1	57.5	7499	4118	3381
172+00	10.5	11.2	39.6	55.6	7539	4173	3365
173+00	10.2	9.2	38.3	49.1	7577	4223	3355

EARTHWORK - STAGE 2 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
174+00	10.9	12	39.1	51.0	7616	4274	3343
175+00	10.5	11.7	39.6	57.1	7656	4331	3325
176+00	13.1	16.7	43.7	68.4	7700	4399	3301
177+00	7.2	0	37.6	40.2	7737	4439	3298
PENNY LANE			250.0	0.0	7987	4439	3548
178+00	9.1	0	30.2	0.0	8017	4439	3578
179+00	19.6	0	53.1	0.0	8071	4439	3631
180+00	13.1	6.3	60.6	15.2	8131	4454	3677
181+00	9.9	11.9	42.6	43.8	8174	4498	3675
182+00	17.7	4.6	51.1	39.7	8225	4538	3687
183+00	18.6	3.25	67.2	18.9	8292	4557	3735
183+47	21.2	0	34.6	3.7	8327	4561	3766
184+00	19.4	1	39.8	1.3	8367	4562	3805
185+00	7.6	1.2	50.0	5.3	8417	4567	3849
186+00	8	1.7	28.9	7.0	8445	4574	3871
187+00	10.1	0	33.5	4.1	8479	4578	3901
188+00	16.4	0	49.1	0.0	8528	4578	3950
189+00	12.8	5.7	54.1	13.7	8582	4592	3990
190+00	2	11.3	27.4	40.9	8609	4633	3977
191+00	1.3	18.2	6.1	71.0	8616	4704	3912
192+00	1.1	16.2	4.4	82.8	8620	4787	3833
192+34	9.35	16.2	6.6	26.5	8627	4813	3813
193+00	2.3	10.3	14.2	42.1	8641	4855	3786
194+00	2.5	11.7	8.9	53.0	8650	4908	3741
195+00	3.2	10.6	10.6	53.7	8660	4962	3698
196+00	3.2	8.2	11.9	45.3	8672	5007	3665
197+00	3.6	8.9	12.6	41.2	8685	5048	3636
198+00	2.8	7.1	11.9	38.5	8697	5087	3610
199+00	2.8	7.5	10.4	35.1	8707	5122	3585
200+00	2.8	5.7	10.4	31.8	8717	5154	3564
201+00	5.2	2.1	14.8	18.8	8732	5173	3560
201+12	8.3	0	3.0	0.6	8735	5173	3562
201+50	31.8	0	28.2	0.0	8763	5173	3590
202+00	1.4	8.4	30.7	10.1	8794	5183	3611
203+00	1.4	10.4	5.2	45.3	8799	5229	3571
204+00	1.1	14.4	4.6	59.7	8804	5288	3516
204+65	2.7	5.5	4.6	31.1	8809	5319	3489
205+00	2.7	5.2	3.5	9.0	8812	5328	3484
206+00	4.2	1.2	12.8	15.4	8825	5344	3481
206+19	3.7	1.5	2.8	1.2	8828	5345	3482
207+00	3.3	4	10.5	10.7	8838	5356	3482
207+71	14.3	0	23.1	6.8	8861	5363	3499
208+00	3.7	0	9.7	0.0	8871	5363	3508
209+00	2.1	0	10.7	0.0	8882	5363	3519
210+00	2.2	0	8.0	0.0	8890	5363	3527
210+65	2.8	0	6.0	0.0	8896	5363	3533
S.T.H. 33			350.0	0.0	9246	5363	3883
211+00	2.6	0.4	3.5	0.3	9249	5363	3886
212+00	3.8	0	11.9	1.0	9261	5364	3897
213+00	4.1	0	14.6	0.0	9276	5364	3912
214+00	4.8	0	16.5	0.0	9292	5364	3928
215+00	4.4	1.9	17.0	4.6	9309	5369	3941
215+36	4.6	0	6.0	1.6	9315	5370	3945
216+00	5.1	3	11.5	4.6	9327	5375	3952
217+00	3.3	6.7	15.6	23.4	9342	5398	3944
218+00	1.6	8.7	9.1	37.1	9351	5435	3916
219+00	2.7	0	8.0	20.9	9359	5456	3903
220+00	5.5	0	15.2	0.0	9374	5456	3918
221+00	7.1	0	23.3	0.0	9398	5456	3942
221+15	9.2	0	4.5	0.0	9402	5456	3946
222+00	5.4	0	23.0	0.0	9425	5456	3969
223+00	5.8	0	20.7	0.0	9446	5456	3990
224+00	6.2	0	22.2	0.0	9468	5456	4012
224+69	5.8	0	15.3	0.0	9484	5456	4027
225+00	18.7	0	14.1	0.0	9498	5456	4041
226+00	12.4	0	57.6	0.0	9555	5456	4099
226+60	5.1	0	19.4	0.0	9575	5456	4118
227+00	6.7	0	8.7	0.0	9583	5456	4127

EARTHWORK - STAGE 2 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
228+00	43.8	0	93.5	0.0	9677	5456	4221
229+00	57.5	0	187.6	0.0	9864	5456	4408
230+00	64.2	0	225.4	0.0	10090	5456	4634
230+35	77.5	0	91.8	0.0	10182	5456	4726
231+00	20.6	13.2	118.1	20.7	10300	5477	4823
232+00	53.6	0	137.4	31.8	10437	5509	4929
233+00	29.7	2.45	154.3	5.9	10591	5514	5077
234+00	37.1	0	123.7	5.9	10715	5520	5195
234+12	37.1	0	16.5	0.0	10732	5520	5211
235+00	37.5	0	121.6	0.0	10853	5520	5333
236+00	5.1	21.5	78.9	51.8	10932	5572	5360
237+00	8.4	19.2	25.0	98.0	10957	5670	5287
237+47	26	0	29.9	21.7	10987	5692	5295
238+00	35.7	0	60.6	0.0	11048	5692	5356
239+00	34	0	129.1	0.0	11177	5692	5485
239+26	47	0	39.0	0.0	11216	5692	5524
240+00	38	0	116.5	0.0	11332	5692	5640
240+78	71.8	0	158.6	0.0	11491	5692	5799
241+00	93.5	0	67.3	0.0	11558	5692	5866
241+96	12.5	192	188.4	443.7	11747	6136	5611
242+00	12.2	183	1.8	36.1	11748	6172	5577
243+00	11.6	138	44.1	772.8	11792	6944	4848
244+00	15.4	13.7	50.0	365.2	11842	7310	4533
244+78	65.7	2.6	117.1	30.6	11960	7340	4619
245+00	85.5	1	61.6	1.9	12021	7342	4679
246+00	129.7	0	398.5	2.4	12420	7345	5075
247+00	120.9	0	464.1	0.0	12884	7345	5539
247+57	114.7	0	248.7	0.0	13132	7345	5788
248+00	101.2	0	171.9	0.0	13304	7345	5960
249+00	63.8	1.6	305.6	3.9	13610	7348	6261
250+00	13.8	21.3	143.7	55.1	13754	7404	6350
250+06	13.5	32.8	3.0	7.8	13757	7411	6345
250+08	13.5	32.8	1.0	3.2	13758	7415	6343
250+32	52.5	0	29.3	19.0	13787	7433	6353
251+00	30.6	2	104.6	3.3	13892	7437	6455
252+00	65.6	0	178.1	4.8	14070	7442	6628
252+64	54.25	0	142.0	0.0	14212	7442	6770
253+00	105.8	0	106.7	0.0	14319	7442	6877
254+00	77.4	0	339.3	0.0	14658	7442	7216
255+00	35.5	1.2	209.1	2.9	14867	7444	7422
255+70	65.9	0	131.4	2.0	14998	7446	7552
256+00	28	12.2	52.2	8.8	15050	7455	7595
256+32	14.3	15.6	25.1	21.4	15076	7477	7599
257+00	14.3	19.5	36.0	57.5	15112	7534	7577
258+00	6.5	60.1	38.5	191.6	15150	7726	7424
258+72	7.1	167.6	18.1	394.7	15168	8120	7048
259+00	6.1	162.3	6.8	222.4	15175	8343	6832
260+00	7.3	33.3	24.8	470.9	15200	8814	6386
260+28	21.3	0	14.8	22.4	15215	8836	6378
261+00	29.6	27.1	67.9	47.0	15283	8883	6399
261+36	23.2	26	35.2	46.0	15318	8929	6389
262+00	4.5	48.2	32.8	114.3	15351	9044	6307
262+64	4.8	147.6	11.0	301.7	15362	9345	6016
262+84	9.8	120.5	5.4	129.1	15367	9474	5893
263+00	4.5	51.8	4.2	66.4	15371	9541	5831
263+23	4.6	30.4	3.9	45.5	15375	9586	5789
264+00	19.1	17.3	33.8	88.4	15409	9675	5734
264+18	24.4	14.6	14.5	13.8	15423	9688	5735
265+00	89	0	172.2	28.8	15596	9717	5878
266+00	40.8	0	240.4	0.0	15836	9717	6119
267+00	13.7	13.8	100.9	33.2	15937	9750	6186
268+00	16.2	6.4	55.4	48.6	15992	9799	6193
268+27	9.3	14.9	12.8	13.8	16005	9813	6192
269+00	15.1	11.2	33.0	45.9	16038	9859	6179
270+00	27.9	3.2	79.6	34.7	16118	9893	6224
271+00	38.8	3.5	123.5	16.1	16241	9910	6332
272+00	38.9	8.15	143.9	28.0	16385	9938	6447
272+69	26.3	4.9	83.3	21.7	16468	9959	6509

EARTHWORK - STAGE 2 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
273+00	37.8	0	36.8	3.7	16505	9963	6542
OLD 33 ROAD			250.0	0.0	16755	9963	6792
274+00	10	0	88.5	0.0	16844	9963	6881
274+27	10	0	10.0	0.0	16854	9963	6891
274+48	42.2	29.1	20.3	14.7	16874	9978	6896
275+00	34.3	2.8	73.7	39.9	16948	10018	6930
276+00	25.9	1.3	111.5	9.9	17059	10027	7032
276+26	27.3	1	25.6	1.4	17085	10029	7056
277+00	27.8	2.9	75.5	6.9	17160	10036	7124
277+74	48.85	5.75	105.0	15.4	17265	10051	7214
278+00	39.8	4.3	42.7	6.3	17308	10058	7250
279+00	52.6	0	171.1	10.4	17479	10068	7411
280+00	52.1	0	193.9	0.0	17673	10068	7605
280+57	26	4.5	82.4	6.2	17755	10074	7681
281+00	10.7	12.4	29.2	17.5	17785	10092	7693
282+00	9	15.4	36.5	66.9	17821	10159	7663
282+67	35.8	0	55.6	24.8	17877	10183	7693
283+00	10.6	11.8	28.4	9.4	17905	10193	7712
284+00	12.8	5.5	43.3	41.6	17948	10234	7714
284+89	10.9	21.7	39.1	58.3	17987	10293	7695
284+96	13.3	8.9	3.1	5.2	17991	10298	7693
285+00	12.5	8	1.9	1.6	17993	10299	7693
285+50	29.1	0	38.5	9.6	18031	10309	7722
286+00	10.1	0	36.3	0.0	18067	10309	7758
286+72	8.6	0	24.9	0.0	18092	10309	7783
287+00	11.2	0	10.3	0.0	18103	10309	7793
287+27	19.2	0	15.2	0.0	18118	10309	7809
288+00	9.3	3.8	38.5	6.7	18156	10316	7841
289+00	11.1	4.7	37.8	20.5	18194	10336	7858
290+00	9.3	14.8	37.8	46.9	18232	10383	7849
291+00	7.38	20	30.9	83.8	18263	10467	7796
291+18	8.4	18.8	5.3	16.8	18268	10484	7784
292+00	10.1	1.2	28.1	39.5	18296	10523	7773
293+00	8.1	4.1	33.7	12.8	18330	10536	7794
294+00	7	7.5	28.0	27.9	18358	10564	7794
295+00	14.4	0	39.6	18.1	18397	10582	7815

EARTHWORK - STAGE 3 *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
57+00	39.1	0					
57+26	44.1	0	40.1	0.0	40	0	40
58+00	38.1	0	112.6	0.0	153	0	153
58+32	34.2	0	42.8	0.0	196	0	196
59+00	34.2	0	86.1	0.0	282	0	282
59+81	29.1	0	95.0	0.0	377	0	377
60+00	29.1	0	20.5	0.0	397	0	397
61+00	27.1	1	104.1	2.4	501	2	499
61+37	27.1	0	37.1	0.9	538	3	535
62+00	50.5	0	90.5	0.0	629	3	626
62+73	39.3	2	121.4	3.5	750	7	743
63+00	59.1	0	49.2	1.3	799	8	791
63+27	76.4	0	67.8	0.0	867	8	859
64+00	52.5	0	174.3	0.0	1041	8	1033
65+00	56.9	0	202.6	0.0	1244	8	1236
65+62	57.7	0	131.6	0.0	1376	8	1368
66+00	45.5	0	72.6	0.0	1448	8	1440
66+31	45.5	0	52.2	0.0	1500	8	1492
66+77	54.3	0	85.0	0.0	1586	8	1577
67+00	36.7	0	38.8	0.0	1624	8	1616
68+00	41.3	0	144.4	0.0	1769	8	1761
69+00	56.2	0	180.6	0.0	1949	8	1941
70+00	57.1	0	209.8	0.0	2159	8	2151
71+00	25.4	0	152.8	0.0	2312	8	2304
71+22	52.5	0	31.7	0.0	2344	8	2335

EARTHWORK - STAGE 3 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
72+00	16.6	8.3	99.8	15.6	2443	24	2420
73+00	16.7	7.8	61.7	38.8	2505	62	2443
74+00	17.2	6.6	62.8	34.7	2568	97	2471
75+00	25.5	6	79.1	30.3	2647	127	2519
76+00	35.5	0	113.0	14.4	2760	142	2618
76+52	41.1	0	73.8	0.0	2834	142	2692
77+00	18.5	5.2	53.0	6.0	2887	148	2739
77+24	22.7	3	18.3	4.7	2905	153	2752
78+00	20.8	0.4	61.2	6.2	2966	159	2807
79+00	34.5	0	102.4	1.0	3069	160	2909
80+00	44.3	0	145.9	0.0	3214	160	3055
80+23	58.1	0	43.6	0.0	3258	160	3098
81+00	30.3	1.9	126.1	3.5	3384	163	3221
81+28	49.1	0	41.2	1.3	3425	165	3261
82+00	21.9	3.3	94.7	5.7	3520	170	3350
83+00	27.7	1.7	91.9	12.0	3612	182	3429
84+00	37	1.6	119.8	7.9	3732	190	3541
85+00	45.2	0	152.2	3.9	3884	194	3690
86+00	28.8	0	137.0	0.0	4021	194	3827
87+00	7.8	3.3	67.8	7.9	4089	202	3887
88+00	5.24	3.9	24.1	17.3	4113	219	3893
89+00	0	0	9.7	9.4	4123	229	3894
SHADY LANE			250.0	0.0	4373	229	4144
90+00	43.2	0	80.0	0.0	4453	229	4224
91+00	18.2	0	113.7	0.0	4566	229	4337
91+22	20.8	0	15.9	0.0	4582	229	4353
92+00	12.6	0	48.2	0.0	4630	229	4402
93+00	9.6	0	41.1	0.0	4671	229	4443
93+80	9.5	0	28.3	0.0	4700	229	4471
94+00	9.4	0	7.0	0.0	4707	229	4478
94+20	10.5	0	7.4	0.0	4714	229	4485
95+00	11.2	0	32.1	0.0	4746	229	4517
96+00	9.2	0	37.8	0.0	4784	229	4555
97+00	9.8	0	35.2	0.0	4819	229	4590
98+00	8.7	0	34.3	0.0	4854	229	4625
99+00	11.5	0	37.4	0.0	4891	229	4662
100+00	15.3	0	49.6	0.0	4941	229	4712
101+00	10.1	0	47.0	0.0	4988	229	4759
102+00	8.7	0	34.8	0.0	5022	229	4794
102+50	12	0	19.2	0.0	5042	229	4813
103+00	18	0	27.8	0.0	5069	229	4841
103+19	18	0	12.7	0.0	5082	229	4853
103+50	18	0	20.7	0.0	5103	229	4874
104+00	36.1	0	50.1	0.0	5153	229	4924
105+00	24.1	0	111.5	0.0	5264	229	5035
105+43	22	0	36.7	0.0	5301	229	5072
106+00	19.7	0	44.0	0.0	5345	229	5116
106+44	20.9	0	33.1	0.0	5378	229	5149
107+00	12.9	0	35.1	0.0	5413	229	5184
108+00	11.1	0	44.4	0.0	5458	229	5229
109+00	9.3	0	37.8	0.0	5495	229	5267
110+00	11.1	0	37.8	0.0	5533	229	5304
110+64	10.5	0	25.6	0.0	5559	229	5330
111+00	10.1	0	13.7	0.0	5572	229	5344
112+00	10.1	0	37.4	0.0	5610	229	5381
113+00	15.5	0	47.4	0.0	5657	229	5428
114+00	12.9	0	52.6	0.0	5710	229	5481
115+00	13.8	0	49.4	0.0	5759	229	5530
116+00	10.1	0	44.3	0.0	5804	229	5575
117+00	7.1	0	31.9	0.0	5835	229	5607
118+00	8.6	0	29.1	0.0	5865	229	5636
119+00	10.1	0	34.6	0.0	5899	229	5670
120+00	10.8	0	38.7	0.0	5938	229	5709
121+00	10.1	0	38.7	0.0	5977	229	5748
122+00	13.1	0	43.0	0.0	6020	229	5791
122+36	14.5	0	18.4	0.0	6038	229	5809
123+00	9.1	0	28.0	0.0	6066	229	5837
124+00	10.1	0	35.6	0.0	6101	229	5873

EARTHWORK - STAGE 3 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
125+00	11.1	0	39.3	0.0	6141	229	5912
126+00	10.4	0	39.8	0.0	6181	229	5952
127+00	11.4	0	40.4	0.0	6221	229	5992
128+00	12.6	0	44.4	0.0	6265	229	6036
129+00	11.9	0	45.4	0.0	6311	229	6082
130+00	12	0	44.3	0.0	6355	229	6126
130+31	13	0	14.4	0.0	6369	229	6140
131+00	13.8	0	34.2	0.0	6404	229	6175
132+00	11.1	0	46.1	0.0	6450	229	6221
133+00	14.4	0.5	47.2	1.2	6497	230	6267
134+00	11.6	3.2	48.1	8.9	6545	239	6306
134+95	8.2	18.4	34.8	49.4	6580	288	6291
135+00	9.6	20.1	1.6	4.6	6582	293	6289
136+00	7.5	10.4	31.7	73.4	6613	366	6247
136+40	4.7	8	9.0	17.7	6622	384	6238
137+00	4.7	8	10.4	23.1	6633	407	6225
137+44	2.3	8	5.7	16.9	6638	424	6214
138+00	4	1	6.5	12.1	6645	436	6209
139+00	4.3	1.4	15.4	5.8	6660	442	6218
140+00	3.6	0	14.6	3.4	6675	445	6229
141+00	10.4	0	25.9	0.0	6701	445	6255
142+00	0	0	19.3	0.0	6720	445	6275
N REEDSBURG ROAD			1900.0	0.0	8620	445	8175
143+00	35.1	3.6	65.0	8.7	6785	454	6331
143+64	29.3	7.3	76.3	16.8	6861	471	6390
144+00	47.6	0	51.3	6.3	6913	477	6435
144+12	47.6	0	21.2	0.0	6934	477	6457
145+00	40.7	6	143.9	12.7	7078	490	6588
146+00	35.4	6.3	140.9	29.6	7219	520	6699
147+00	36.2	4.5	132.6	26.0	7351	546	6806
148+00	18.5	13.3	101.3	42.9	7453	588	6864
149+00	18.4	9.6	68.3	55.1	7521	644	6877
150+00	20.1	5.1	71.3	35.4	7592	679	6913
151+00	22.1	1.65	78.1	16.3	7670	695	6975
152+00	3.9	1.2	48.1	6.9	7718	702	7016
153+00	3.2	1.2	13.1	5.8	7732	708	7024
154+00	4.1	0.5	13.5	4.1	7745	712	7033
154+63	4.1	0.5	9.6	1.5	7755	713	7041
155+00	4.1	0.2	5.6	0.6	7760	714	7046
155+88	4.9	0	14.7	0.4	7775	715	7060
156+00	5.1	0	2.2	0.0	7777	715	7063
157+00	1	0	11.3	0.0	7789	715	7074
157+80	1	0	3.0	0.0	7791	715	7077
158+00	1	0	0.7	0.0	7792	715	7078
159+00	1	0	3.7	0.0	7796	715	7081
160+00	1	0	3.7	0.0	7800	715	7085
160+90	1	0	3.3	0.0	7803	715	7088
161+00	1	0	0.4	0.0	7803	715	7089
162+00	1	0	3.7	0.0	7807	715	7093
163+00	1	0	3.7	0.0	7811	715	7096
164+00	0.5	0	2.8	0.0	7814	715	7099
165+00	0	0.5	0.9	1.2	7814	716	7099
165+21	0	0.5	0.0	0.5	7814	716	7098
166+00	4.2	0	6.1	1.0	7821	717	7103
167+00	54.9	0	109.4	0.0	7930	717	7213
168+00	37.2	0	170.6	0.0	8101	717	7383
169+00	16.7	7.9	99.8	19.0	8200	736	7464
169+52	32.3	0	47.2	9.9	8248	746	7501
170+00	14.6	7.5	41.7	8.7	8289	755	7535
171+00	17.9	5.6	60.2	31.5	8349	786	7563
172+00	18.3	7.6	67.0	31.8	8416	818	7598
173+00	17.7	9.8	66.7	41.9	8483	860	7623
174+00	19.3	7.1	68.5	40.7	8552	901	7651
175+00	12.7	2	59.3	21.9	8611	923	7688
176+00	35.2	0	88.7	4.8	8700	927	7772
177+00	27.2	0	115.6	0.0	8815	927	7888
178+00	21.8	0	90.7	0.0	8906	927	7979
179+00	35.5	0	106.1	0.0	9012	927	8085
180+00	20.7	1	104.1	2.4	9116	930	8186

EARTHWORK - STAGE 3 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
181+00	18.5	10.3	72.6	27.2	9189	957	8232
182+00	17.9	10.1	67.4	49.1	9256	1006	8250
183+00	17.7	10.5	65.9	49.6	9322	1056	8266
183+47	18.7	13.3	31.7	26.9	9354	1083	8271
184+00	18.7	16.5	36.7	38.0	9390	1121	8270
185+00	18.7	13.6	69.3	72.5	9460	1193	8267
186+00	19.2	15.7	70.2	70.5	9530	1264	8266
AIRPORT ENTRANCE			250.0	0.0	9780	1264	8516
187+00	14.6	0	62.6	37.8	9842	1301	8541
188+00	30.3	0	83.1	0.0	9926	1301	8624
189+00	51.2	0	150.9	0.0	10077	1301	8775
190+00	43.9	0	176.1	0.0	10253	1301	8951
191+00	12.1	0	103.7	0.0	10356	1301	9055
192+00	11.1	0	43.0	0.0	10399	1301	9098
192+34	14.4	0	16.1	0.0	10415	1301	9114
193+00	16	0	37.2	0.0	10453	1301	9151
194+00	13.9	0	55.4	0.0	10508	1301	9206
195+00	14.1	0	51.9	0.0	10560	1301	9258
196+00	13.1	0	50.4	0.0	10610	1301	9309
197+00	13.4	0	49.1	0.0	10659	1301	9358
198+00	13.1	0	49.1	0.0	10708	1301	9407
199+00	12.2	0	46.9	0.0	10755	1301	9454
200+00	12.3	0	45.4	0.0	10800	1301	9499
201+00	12.1	0	45.2	0.0	10846	1301	9544
201+12	26.4	0	8.6	0.0	10854	1301	9553
201+50	12.1	0	27.1	0.0	10881	1301	9580
202+00	10.1	0	20.6	0.0	10902	1301	9600
203+00	11.1	0	39.3	0.0	10941	1301	9640
204+00	7.7	0	34.8	0.0	10976	1301	9675
204+65	8.8	0	19.9	0.0	10996	1301	9694
205+00	9.6	0	11.9	0.0	11008	1301	9706
206+00	8.3	0	33.1	0.0	11041	1301	9739
206+19	9.3	0	6.2	0.0	11047	1301	9746
207+00	9.3	0	27.9	0.0	11075	1301	9774
207+71	8.7	0	23.7	0.0	11099	1301	9797
208+00	8.7	0	9.3	0.0	11108	1301	9807
209+00	7.8	0	30.6	0.0	11139	1301	9837
210+00	10.6	0	34.1	0.0	11173	1301	9871
210+65	23.3	0	40.8	0.0	11213	1301	9912
211+00	23.4	0	30.3	0.0	11244	1301	9942
212+00	21.6	0	83.3	0.0	11327	1301	10026
213+00	16.8	0	71.1	0.0	11398	1301	10097
214+00	10.3	0	50.2	0.0	11448	1301	10147
215+00	10.9	0	39.3	0.0	11488	1301	10186
215+36	9.5	0	13.6	0.0	11501	1301	10200
216+00	5.6	1.7	17.9	2.6	11519	1304	10215
217+00	4.3	2.1	18.3	9.1	11537	1313	10224
218+00	3.2	1.5	13.9	8.7	11551	1322	10229
219+00	2.1	2.9	9.8	10.6	11561	1332	10229
220+00	2.1	1	7.8	9.4	11569	1342	10227
221+00	0	0	3.9	2.4	11573	1344	10229
221+15	0	0	0.0	0.0	11573	1344	10229
222+00	11.2	0	17.6	0.0	11590	1344	10246
223+00	6.1	0	32.0	0.0	11622	1344	10278
224+00	6.1	0	22.6	0.0	11645	1344	10301
224+69	6.1	0	15.6	0.0	11661	1344	10316
225+00	6.1	0	7.0	0.0	11668	1344	10323
226+00	25.6	0	58.7	0.0	11726	1344	10382
226+60	20.5	0	51.2	0.0	11778	1344	10433
227+00	15.4	0	26.6	0.0	11804	1344	10460
228+00	50.1	0	121.3	0.0	11925	1344	10581
229+00	45.1	0	176.3	0.0	12102	1344	10758
230+00	26.6	2.1	132.8	5.1	12235	1349	10885
230+35	26.6	2.1	34.5	3.5	12269	1353	10916
231+00	16.3	6.8	51.6	13.9	12321	1367	10954
232+00	24.6	1	75.7	18.8	12396	1386	11011
233+00	25.7	1.3	93.1	5.5	12490	1391	11098
234+00	24.8	0	93.5	3.1	12583	1394	11189

EARTHWORK - STAGE 3 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
234+12	24.6	0	11.0	0.0	12594	1394	11200
235+00	23.6	1.1	78.5	2.3	12673	1397	11276
236+00	24.4	5.2	88.9	15.2	12761	1412	11350
237+00	55.8	0	148.5	12.5	12910	1424	11486
237+47	38.3	0	81.9	0.0	12992	1424	11568
238+00	37.8	0	74.7	0.0	13067	1424	11642
239+00	36.8	0	138.1	0.0	13205	1424	11781
239+26	31.9	0	33.1	0.0	13238	1424	11814
240+00	31.9	0	87.4	0.0	13325	1424	11901
240+78	47.3	0	114.4	0.0	13440	1424	12015
241+00	24.5	11.1	29.3	5.9	13469	1430	12039
241+96	25.6	57.9	89.1	159.5	13558	1590	11968
242+00	26.6	57.4	3.9	11.1	13562	1601	11961
243+00	94.5	1.7	224.3	142.3	13786	1743	12043
244+00	85.2	0.3	332.8	4.8	14119	1748	12371
244+78	84.2	0	244.7	0.6	14364	1748	12615
245+00	94.7	0	72.9	0.0	14436	1748	12688
246+00	165.6	0	482.0	0.0	14918	1748	13170
247+00	121.1	0	530.9	0.0	15449	1748	13701
247+57	100.1	0	233.5	0.0	15683	1748	13935
248+00	135.5	0	187.6	0.0	15870	1748	14122
249+00	79.2	0	397.6	0.0	16268	1748	14520
250+00	37.4	5.2	215.9	12.5	16484	1761	14723
250+06	35.4	7.6	8.1	1.8	16492	1763	14729
250+08	35.4	4.8	2.6	0.6	16495	1763	14731
250+32	48.6	4.8	37.3	5.5	16532	1769	14763
251+00	53	4.5	127.9	15.2	16660	1784	14876
252+00	51	8.1	192.6	30.3	16853	1814	15038
252+64	51	8.1	120.9	25.0	16973	1839	15134
253+00	39.1	5.1	60.1	11.4	17034	1851	15183
254+00	68.2	0	198.7	12.3	17232	1863	15369
255+00	57.3	0	232.4	0.0	17465	1863	15602
255+70	93	0	194.8	0.0	17659	1863	15796
256+00	94.5	0	104.2	0.0	17764	1863	15901
256+32	94.5	0	112.0	0.0	17876	1863	16013
257+00	82.4	0	222.8	0.0	18098	1863	16235
258+00	14.5	32.1	179.4	77.3	18278	1940	16338
258+72	16.7	48.5	41.6	139.7	18319	2080	16239
259+00	16.9	34.8	17.4	56.2	18337	2136	16201
260+00	127.2	1	266.9	86.2	18604	2222	16381
260+28	125.1	0	130.8	0.7	18735	2223	16511
261+00	78.1	0	270.9	0.0	19005	2223	16782
261+36	78.1	0	104.1	0.0	19110	2223	16887
262+00	108.1	1	220.7	1.5	19330	2225	17106
262+64	42.3	0	178.3	1.5	19509	2226	17282
262+84	16.05	61.2	21.6	29.5	19530	2256	17275
263+00	15.5	42.1	9.3	39.8	19540	2295	17244
263+23	14.5	53.1	12.8	52.7	19552	2348	17204
264+00	33.6	1.2	68.6	100.7	19621	2449	17172
264+18	33.6	0	22.4	0.5	19643	2449	17194
265+00	95.1	0	195.4	0.0	19839	2449	17389
266+00	67.6	0	301.3	0.0	20140	2449	17691
267+00	35	2.8	190.0	6.7	20330	2456	17874
268+00	20.2	8.4	102.2	27.0	20432	2483	17949
268+27	16.7	0	18.5	5.5	20451	2488	17962
269+00	16.7	5.9	45.2	10.4	20496	2499	17997
270+00	60.1	0	142.2	14.2	20638	2513	18125
271+00	52.1	0	207.8	0.0	20846	2513	18333
272+00	53	0	194.6	0.0	21040	2513	18527
272+69	48.3	0	129.4	0.0	21170	2513	18657
273+00	32.5	1.1	46.4	0.8	21216	2514	18702
274+00	46.1	1	145.6	5.1	21362	2519	18843
274+27	46.1	1	46.1	1.3	21408	2520	18888
274+48	57.5	3.2	40.3	2.1	21448	2522	18926
275+00	40.1	0	94.0	4.0	21542	2526	19016
276+00	62.4	0	189.8	0.0	21732	2526	19206
276+26	72.3	0	64.9	0.0	21797	2526	19271
277+00	48.8	0	166.0	0.0	21963	2526	19437

EARTHWORK - STAGE 3 (CONT) *EXPANDED 30%

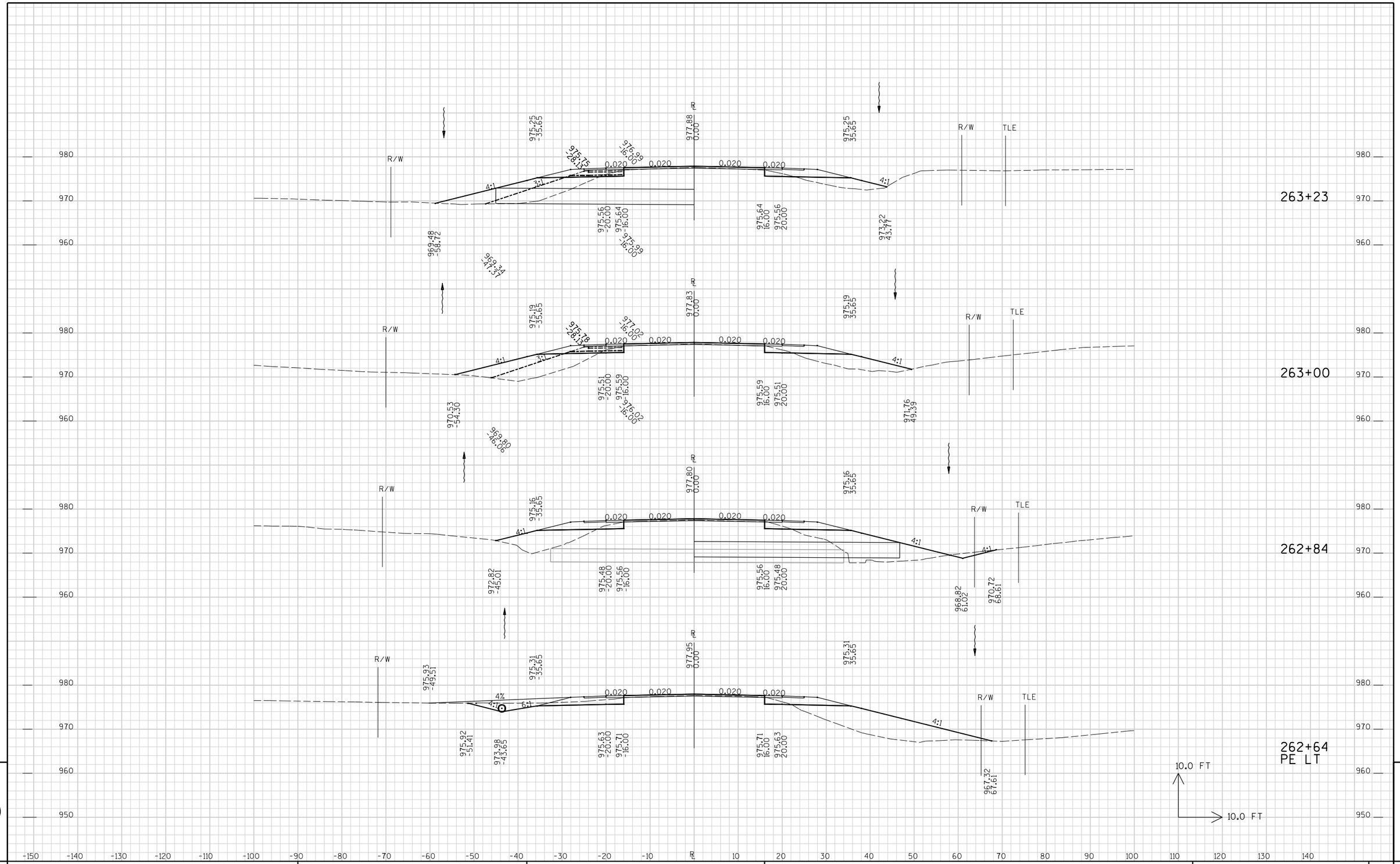
STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
277+74	45.5	0	129.2	0.0	22092	2526	19566
278+00	29.7	1	36.2	0.6	22128	2527	19601
279+00	44.6	0	137.6	2.4	22266	2529	19736
280+00	24.2	6.9	127.4	16.6	22393	2546	19847
280+57	43.2	0	71.1	9.5	22464	2555	19909
281+00	11.2	15.7	43.3	16.3	22508	2572	19936
282+00	16.2	4.7	50.7	49.1	22558	2621	19938
282+67	16.2	4.7	40.2	15.2	22599	2636	19963
283+00	23.2	7.4	24.1	9.6	22623	2646	19977
284+00	23.3	5.1	86.1	30.1	22709	2676	20033
284+89	29.4	8.4	86.9	28.9	22796	2705	20091
284+96	39.9	4.5	9.0	2.2	22805	2707	20098
285+00	40.8	5.9	6.0	1.0	22811	2708	20103
285+50	40.8	5.9	75.6	14.2	22886	2722	20164
286+00	48.1	4.6	82.3	12.6	22969	2735	20234
286+72	66.2	0	152.4	8.0	23121	2743	20378
287+00	28.8	2.9	49.3	2.0	23170	2745	20426
287+27	28.8	2.9	28.8	3.8	23199	2748	20451
288+00	14.6	13.7	58.7	29.2	23258	2777	20480
289+00	16.5	4.5	57.6	43.8	23315	2821	20494
290+00	15.2	3.5	58.7	19.3	23374	2841	20533
291+00	13.2	0	52.6	8.4	23427	2849	20578
291+18	13.2	0	8.8	0.0	23435	2849	20586
292+00	11.5	0	37.5	0.0	23473	2849	20624
293+00	14.3	0	47.8	0.0	23521	2849	20672
294+00	16.7	0	57.4	0.0	23578	2849	20729
295+00	10.2	1	49.8	2.4	23628	2851	20776
296+00	11.8	0	40.7	2.4	23669	2854	20815
297+00	21	0	60.7	0.0	23729	2854	20876
298+00	26.5	0	88.0	0.0	23817	2854	20964
299+00	21	0	88.0	0.0	23905	2854	21051
300+00	13	0	63.0	0.0	23968	2854	21114

EARTHWORK - STAGE 4 *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
82+00							
83+00	8	1.1	14.8	2.6	15	3	12
84+00	13	0	38.9	2.6	54	5	48
85+00	9.1	0	40.9	0.0	95	5	89
86+00	2.1	0.5	20.7	1.2	115	7	109
89+00							
90+00	10.1	0	18.7	0.0	134	7	128
91+00	10.1	0	37.4	0.0	171	7	165
92+00	6.5	0	30.7	0.0	202	7	196
93+00	5.5	0	22.2	0.0	224	7	218
94+00	7.9	0	24.8	0.0	249	7	243
95+00	5.9	0	25.6	0.0	275	7	268
96+00	9.3	0	28.1	0.0	303	7	296
97+00	9.2	0	34.3	0.0	337	7	331
98+00	10.2	0	35.9	0.0	373	7	367
99+00	8.4	0	34.4	0.0	408	7	401
100+00	10.2	0	34.4	0.0	442	7	436
101+00	10.1	0	37.6	0.0	480	7	473
102+00	7.7	0	33.0	0.0	513	7	506
103+00	4.1	0	21.9	0.0	534	7	528
104+00	6.5	0	19.6	0.0	554	7	548
105+00	8.2	0	27.2	0.0	581	7	575
106+00	9.7	0	33.1	0.0	614	7	608
107+00	8.3	0	33.3	0.0	648	7	641
108+00	10	0	33.9	0.0	682	7	675
109+00	4.5	0	26.9	0.0	709	7	702
110+00	8	0	23.1	0.0	732	7	725
111+00	6.2	0	26.3	0.0	758	7	751
112+00	8.3	0	26.9	0.0	785	7	778
113+00	9.5	0	33.0	0.0	818	7	811

EARTHWORK - STAGE 4 (CONT) *EXPANDED 30%

STATION	CUT SF	FILL SF	VOLUME CUT CY	VOLUME FILL CY	*CUMULATIVE VOLUME CUT CY	*CUMULATIVE VOLUME FILL CY	MASS HAUL CY
U.S.H. 12							
114+00	11.1	0	38.1	0.0	856	7	849
115+00	8	0	35.4	0.0	891	7	885
116+00	9	0	31.5	0.0	923	7	916
117+00	8	0	31.5	0.0	954	7	948
118+00	4.9	0	23.9	0.0	978	7	972
119+00	8	0	23.9	0.0	1002	7	996
120+00	9	0	31.5	0.0	1034	7	1027
121+00	9	0	33.3	0.0	1067	7	1060
122+00	11	0	37.0	0.0	1104	7	1097
123+00	11	0	40.7	0.0	1145	7	1138
124+00	11	0	40.7	0.0	1185	7	1179
125+00	11	0	40.7	0.0	1226	7	1220
126+00	12	0	42.6	0.0	1269	7	1262
127+00	12	0	44.4	0.0	1313	7	1307
128+00	11	0	42.6	0.0	1356	7	1349
129+00	10	0	38.9	0.0	1395	7	1388
130+00	10	0	37.0	0.0	1432	7	1425
131+00	10	0	37.0	0.0	1469	7	1462
132+00	11	1	38.9	2.4	1508	9	1499
133+00	13	3	44.4	9.6	1552	19	1534
134+00	9.4	13	41.5	38.5	1594	57	1536
135+00	10	24	35.9	89.1	1629	146	1483
136+00	9.5	16	36.1	96.3	1666	242	1423
137+00	2	0	21.3	38.5	1687	281	1406
N REEDSBURG ROAD			289.0	80.0	1976	361	1615
187+00							
188+00	3	0	5.6	0.0	1981	361	1620
189+00	10	0	24.1	0.0	2005	361	1645
190+00	11	0	38.9	0.0	2044	361	1683
191+00	9	0	37.0	0.0	2081	361	1720
192+00	10	0	35.2	0.0	2117	361	1756
193+00	9	0	35.2	0.0	2152	361	1791
194+00	9	0	33.3	0.0	2185	361	1824
195+00	9	0	33.3	0.0	2218	361	1858
196+00	9	0	33.3	0.0	2252	361	1891
197+00	9	0	33.3	0.0	2285	361	1924
198+00	9	0	33.3	0.0	2318	361	1958
199+00	9	0	33.3	0.0	2352	361	1991
200+00	8	0	31.5	0.0	2383	361	2022
201+00	6	0	25.9	0.0	2409	361	2048
202+00	9	0	27.8	0.0	2437	361	2076
203+00	9	0	33.3	0.0	2470	361	2109
204+00	9	0	33.3	0.0	2504	361	2143
205+00	4	0	24.1	0.0	2528	361	2167
214+00							
215+00	8	0	14.8	0.0	2543	361	2182
216+00	8	0	29.6	0.0	2572	361	2211
217+00	10	0	33.3	0.0	2605	361	2245
218+00	10	0	37.0	0.0	2643	361	2282
225+00							
226+00	4	0	7.4	0.0	2650	361	2289
227+00	4.5	0	15.7	0.0	2666	361	2305
228+00	26.7	0	57.8	0.0	2723	361	2363

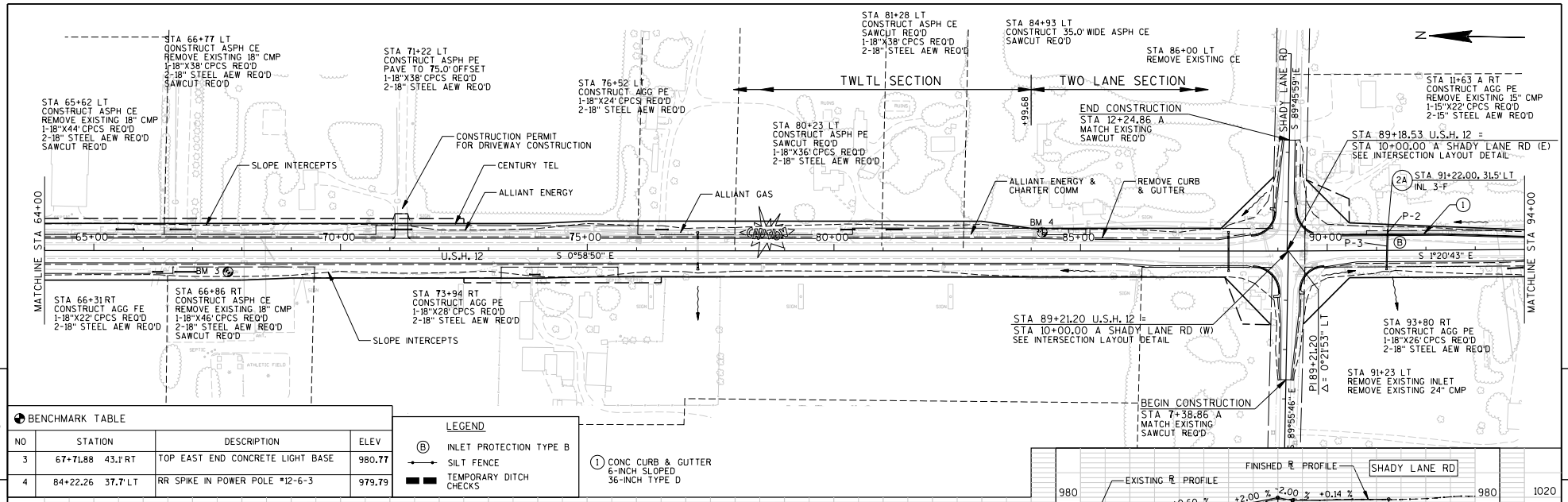


9

9

PROJECT NO : 1674-00-74	HWY : U.S.H. 12	COUNTY : SAUK	CROSS SECTIONS - MAINLINE	SHEET NO: 289	E

FILE NAME : p:\uz\w\widot\057000_ush_12\cad\xsus1210.dgn PLOT TIME : 12:50:13 PM PLOT DATE : 4/26/2007 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A



5

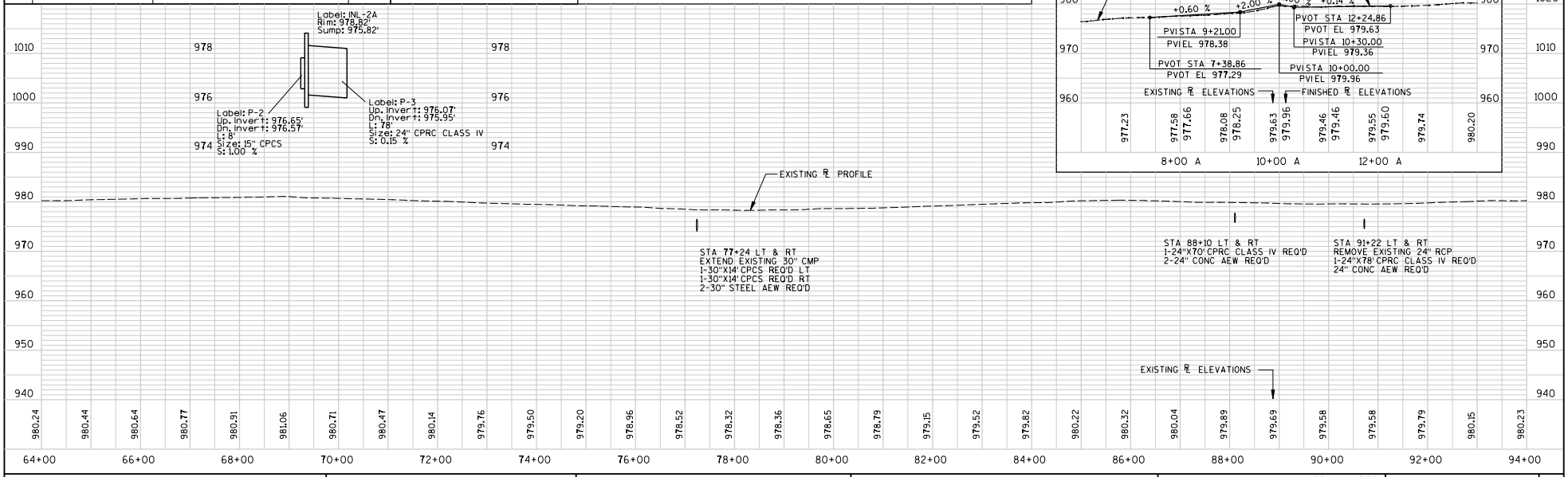
BENCHMARK TABLE

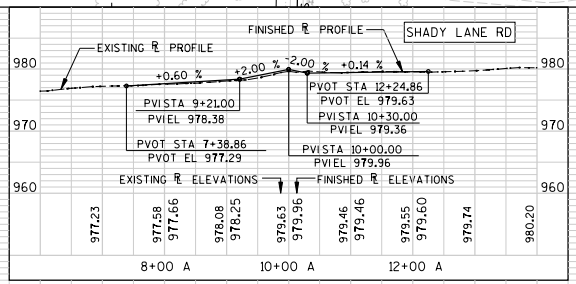
NO	STATION	DESCRIPTION	ELEV
3	67+71.88 43.1' RT	TOP EAST END CONCRETE LIGHT BASE	980.77
4	84+22.26 37.7' LT	RR SPIKE IN POWER POLE #12-6-3	979.79

LEGEND

- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

(1) CONC CURB & GUTTER
6-INCH SLOPED
36-INCH TYPE D





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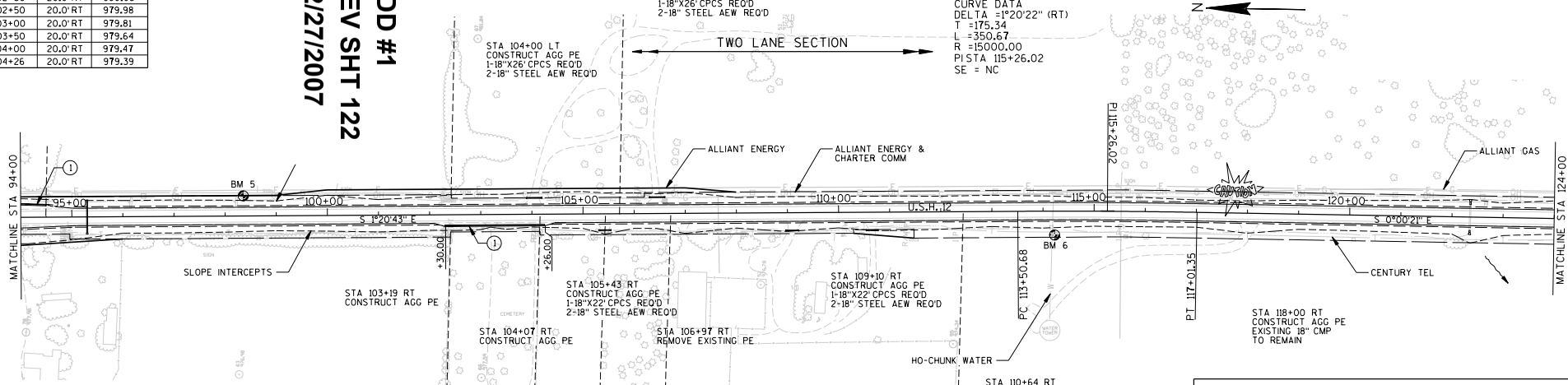
PROJECT NO:1674-00-74	HWY: U.S.H. 12	COUNTY: SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 121	E

FILE NAME : p:\uz\w\widot\057000_ush_12\cad\ppUS1202.dgn PLOT TIME : 8:12:20 AM PLOT DATE : 12/27/2007 PLOT BY : SEH PLOT NAME : PLOT SCALE : N/A WISDOT/CADDS SHEET 40

ADD #1, REV SHT 121, 12/27/2007

ELEVATION TABLE		
STATION	OFFSET	ELEVATION
102+30	20.0' RT	980.05
102+50	20.0' RT	979.98
103+00	20.0' RT	979.81
103+50	20.0' RT	979.64
104+00	20.0' RT	979.47
104+26	20.0' RT	979.39

ADD #1
REV SHT 122
12/27/2007



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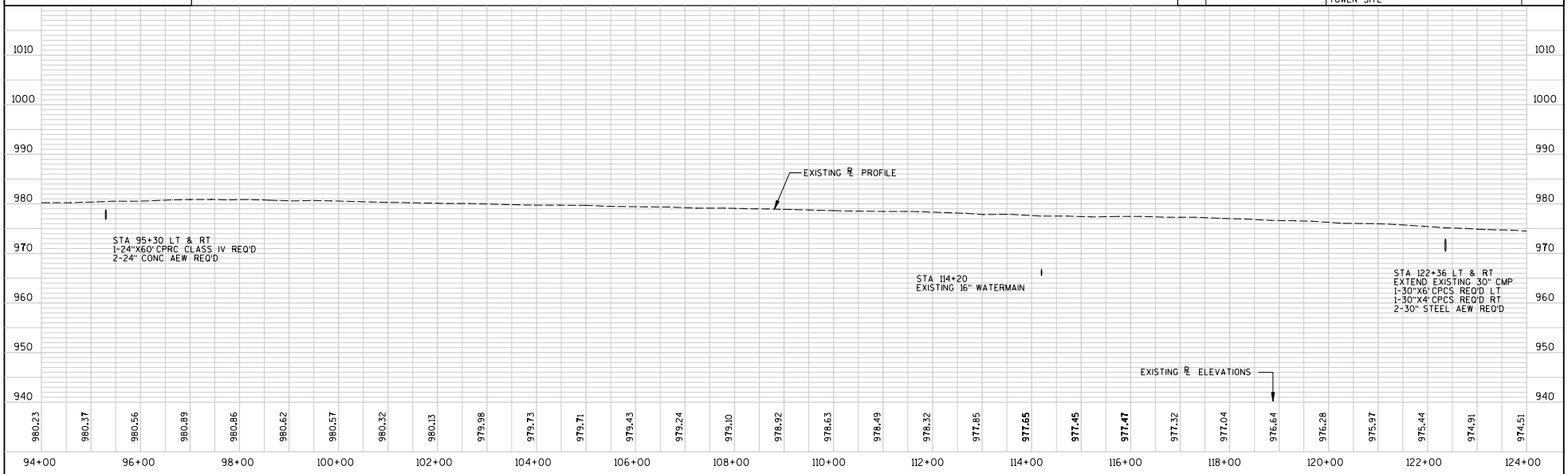
LEGEND

- (B) INLET PROTECTION TYPE B
- SILT FENCE
- TEMPORARY DITCH CHECKS

(1) CONC CURB & GUTTER
6-INCH SLOPED
36-INCH TYPE D

BENCHMARK TABLE			
NO	STATION	DESCRIPTION	ELEV
5	98+35.70 39.4' LT	RR SPIKE IN POWER POLE #12-6-3 0/17	980.82
6	114+02.63 46.7' RT	TOP NUT OF HYDRANT #1 W HWY ⊗ TOWER SITE	976.36

5



PROJECT NO:1674-00-74	HWY:U.S.H. 12	COUNTY:SAUK	PLAN & PROFILE	SCALE, FEET 0 100 200	SHEET 122	E