INDEX TO SHEETS DESCRIPTION TITLE SHEET AND LAYOUT MAP TYPICAL SECTION SUMMARY SHEETS 3 30 4 - 5 PLAN VIEW SHEETS TRAFFIC CONTROL LAYOUT STANDARD PLAN BM-01 (2 SHEETS) 08-22-07 201 - 202 203 - 204 401 - 405 CROSS SECTIONS TOTAL SHEETS = 19 PLANS 10/13/2014 STEVEN W. BROWN, P.E. DESOTO PARISH ADMINSTRATOR/ENGINEER DESIGN SPEED = 30 MPH EXCEPT FOR CURVE NO. 1 WHICH IS 20 MPH SCHEDULE OF REVISIONS

DESOTO PARISH POLICE JURY CONSTRUCTION DRAWINGS

FOR

DAW ROAD DRAINAGE IMPROVEMENTS

EC-01 (2 SHEETS) 01-21-98

DESOTO PARISH LOUISIANA

PROJECT SITE 1-

PROJECT DESIGN CRITERIA, STANDARDS, AND SPECIFICATIONS ARE ESTABLISHED BY THE DESOTO FARISH PULICE JURY. DESIGN EXCEPTIONS TO LA DOTD AND AASHTO STANDARDS AND ARE APPROVED BY THE DESOTO PARISH POLICE JURY.

REV. DATE

PROJECT SITE 2

DATE RECOMMENDED DATE APPROVED

1.0 rai 2.0 mi

LAYOUT MAP

Approved by:

PROJECT LOCATION

VICINITY MAP

POLICE JURY MEMBERS

Charlie Roberts - District 1 A

B. D. Mitchell - District 1 B Jarrell O. Burch - District 1 C

A. W. McDonald - District 2

Greg Baker - District 3

Richard Fuller - District 4 A

Jeff Heard - District 4 B

Ernel Jones - District 4 C

Thomas Jones - District 4 D

Reggie Roe - District 5

Ricky McPhearson - District 6

Parish Administrator/Engineer Steven W. Brown, P.E.

Steven W. Brown. P.E.

	OESCRIPTION	ALGEBRAIC SUM OF ALL ECUATIONS	LENGTH	EXCEPTION		SDOE NGTH	HOADY LENG	
	STATION TO STATION	FEET	FEET	FEET	FEE1	MILES	FEET	MILES
SITE 1	21443.44 - 47400.00	2	2.556.56	0			2.556.56	0.484
SITE 2	107+39 - 107+73	0	34.00	0			34.00	0.006
	TOTAL LENGTH OF BRID	GES						
	TOTAL LENGTH OF ROAD	WAY					2,590,55	0.490
	TOTAL HILES			1				0.490

TYPE OF CONSTRUCTIONS

INSTALL TANK CAR CULVERTS. BASE COURSE. THEMANKMENT

DATUM USED : ASSUMED

MAGNETIC VAR & N/A BEARINGS ARE : ASSUMED

TRANSIT BOOKS I N/A LEVEL BOOKS : N/A

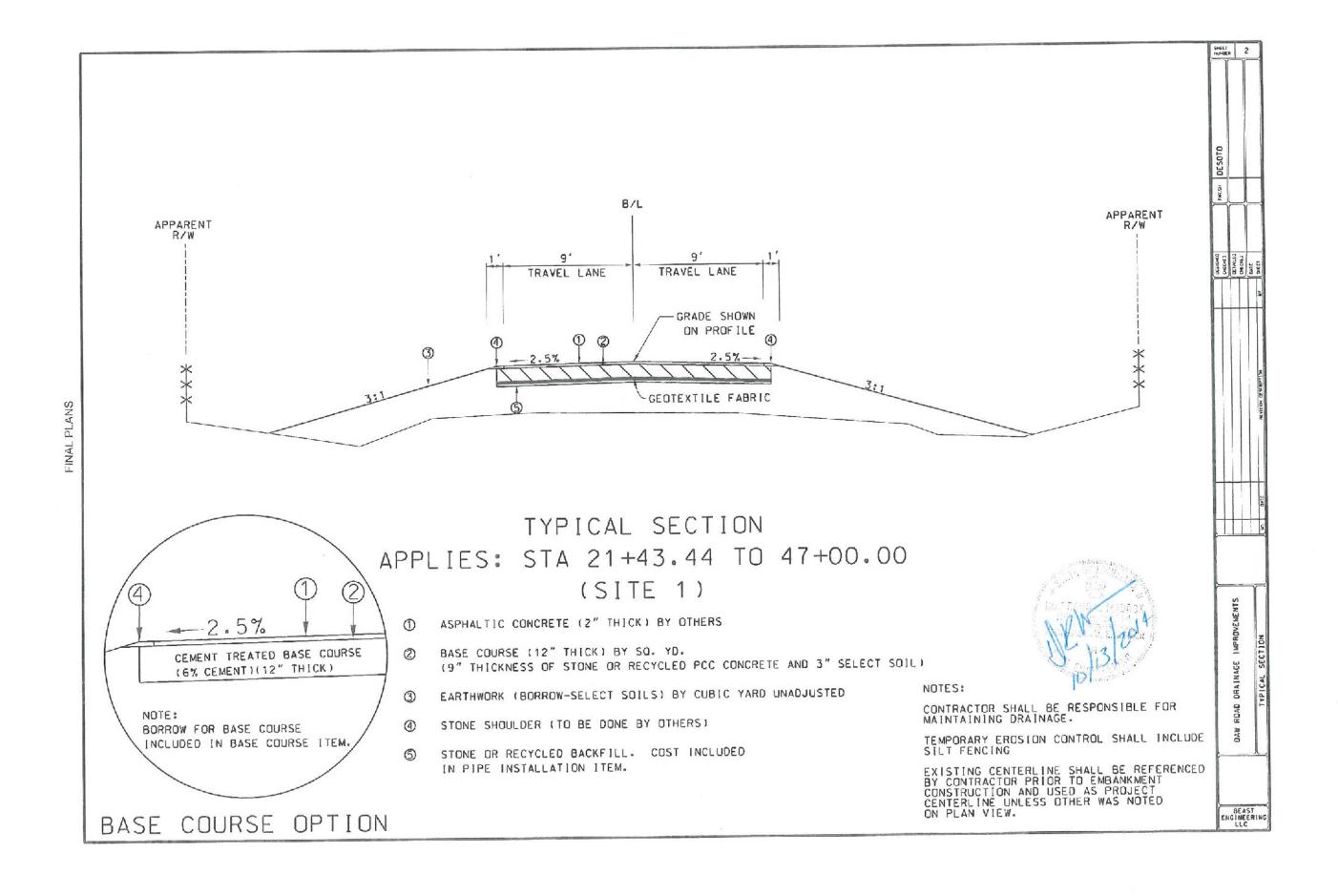
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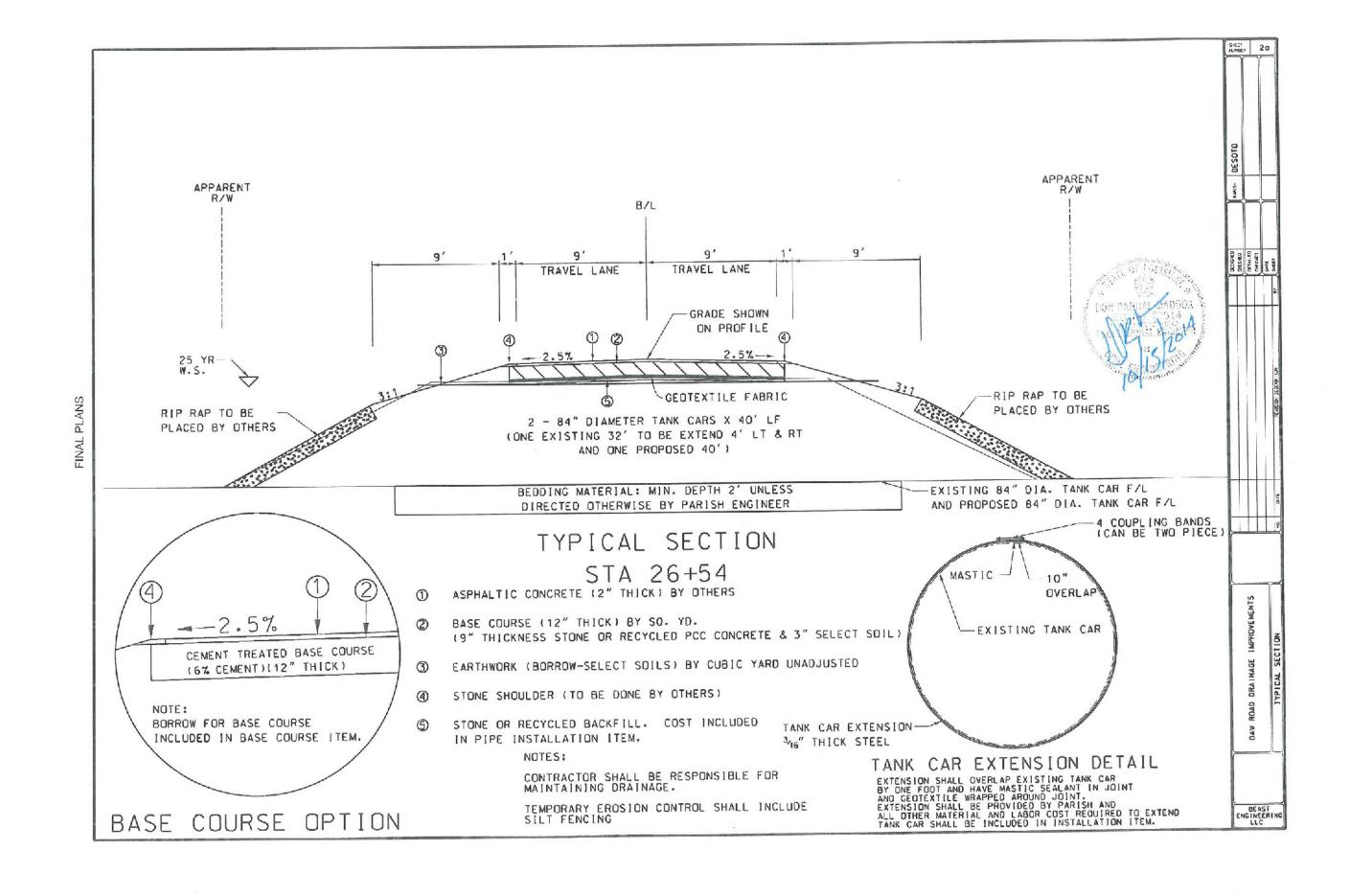
PLAN - 1" = 50" PROFILE HOR. - 1" = 50"

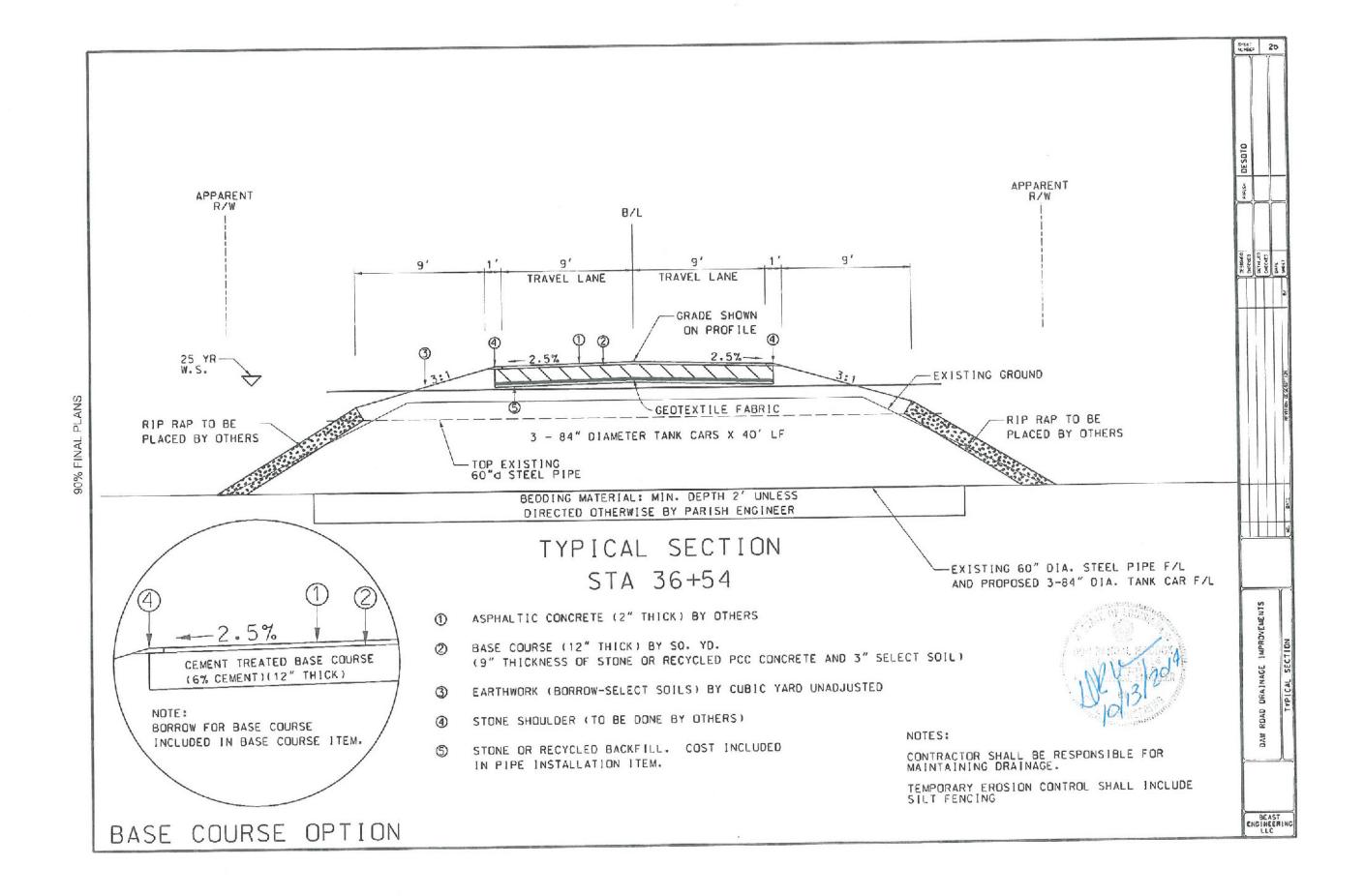
VERT. - 1" = 50"

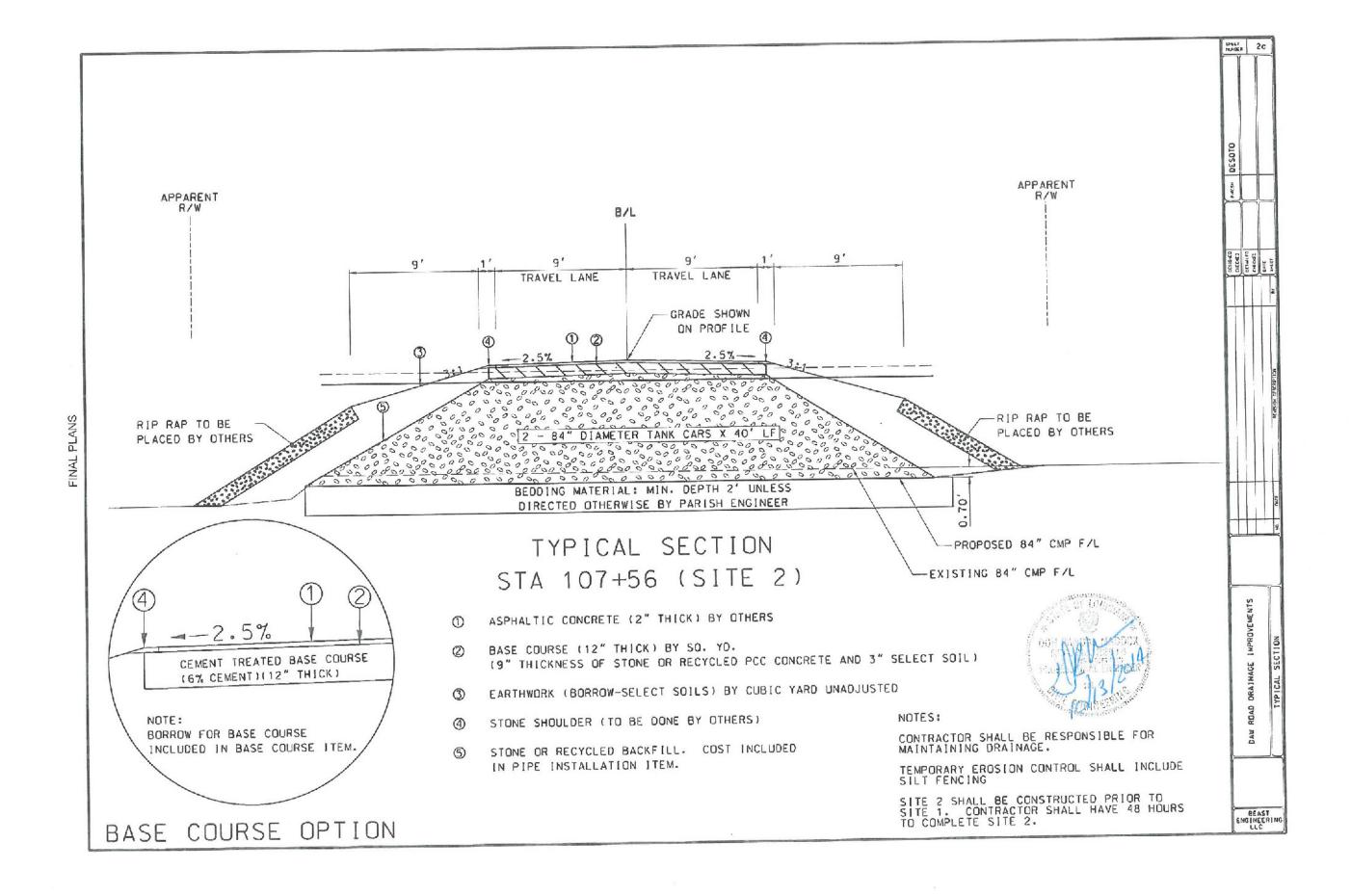
THE 2005 EDITION OF THE LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES. AS AMENOED BY THE PROJECT SPECIFICATIONS. SHALL GOVERN ON THIS PROJECT.

DRAINAGE









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EAR	THWORK
SITE	BORROW (SELECT SOILS
	CUBIC YARD
SITE 1	7,423
SITE 2	Ďζ
TOTAL:	7.467

THE RECYCLEO CONCRETE OR STONE BASE COURSE OPTION INCLUDES IN ITS COST 3" DEPTH OF BORROW IN THE BASE COURSE LITEM 1606 CY VEHICULAR MEASUREMENT:

THE SOIL CEMENT INLATED BASE COURSE OPTION INCLUDES IN ITS COST 12" OF BORROW IN THE BASE COURSE ITEM :2.421 CY VEHICULAR MEASUREMENT).

COST OF EXCAVATION FOR CONSTRUCTION OF BASE COURSE SHALL BE INCLUDED IN BASE COURSE ITEM.

	D	RAINAGE SUMMARY		_	
		701-03	701-10-01	726-01-00100	701-10-01
SITE	DESCRIPTION	INSTALLATION OF CROSS DRAIN PIPE (84" DIA. MIN.)(TANK CAR FURNISHED BY DTHERS)	RCP EXTENSION (24")	BEDDING MATERIAL	CONCRETE PIPE COLLAR
		LINEAR FOOT	LINEAR FOOT	TON	EACH
	ADD 7'DIA. TANK CAR & EXTEND EXISTING 4' LT & RT	48		60	
	REMOVE 60" TANK CAR & PLACE 3 7" D.A. TANK CARS	120		150	
6+54.00			24	0.000	2
39+91-00	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	80		90	
07:56:00	REMOVE 2-84 CMP & PEACE 2-1 OTA: THAN CARD	248	24	300	2

BECDING MATERIAL USAGE WILL BE DETERMINED BY INSPECTOR. CECTEXTILE FABRIC REQUIRED AND COST INCLUDED IN 6E00:NG MATERIAL FIEM. DUANTITY SHALL BE FIELD MEASURED IN THE GROUND.

COST OF COUPLING BANDS, ALL MATERIAL, AND LABOR FOR EXTENSION OF EXISTING TANK CAR AT STA 25+54 SHALL BE INCLUDED IN TANK CAR INSTALLATION ITEM. TANK CAR EXTENSION (4° EAC4) SHALL BE PROVIDED BY PARISH.

	204-05	739-01
DESCRIPTION	TEMPORARY SILT FENCING	HYOROSEEDING
	LINEAR FOOT	ACRE
TEMPORARY	500	0.7

		BASE CO	JRSE	
T			301-02-	00600
STA	STA	LENGTH	BASE C	
			WIDTH	OUANT I TY
		LINEAR FOOT	LINEAR FOOT	SOUARE YARD
21-43.44	47+00.00	2.556.58	19.00	5.397
40+55.79	41115.79	50.00	2 AVER-	13
41+15.79	42+78.84	163.C5	4,00	72
42+78.34	43+38.84	60.00	2 AVER.	13
107-39-00	107+75-00	34.00	19.00	72
TO	TAL:			5.567

MASS COURSE MATERIALS AND CONSTRUCTION SHALL CONFORM TO LA DOTO SPECIFICATIONS FOR CLASS 1 BASE COURSE.

REMOVAL SUM	MARY ⁽²⁾
DESCRIPTION	REMOVAL OF PIPE
	LINEAR FOOT
	42
EXISTING TANK CAR CROSS DRAIN []	44

(1) TANK CAR SHALL BE DELIVERED TO PARISH YARD.
(2) COST OF REMOVAL INCLUDED IN INSTALLATION OF TANK DAR ITEM.



DRAINAGE IMPROVENENTS

DAW

BEAST ENGINEERING LLC

SUMMARY OF ESTIMATED QUANTITIES

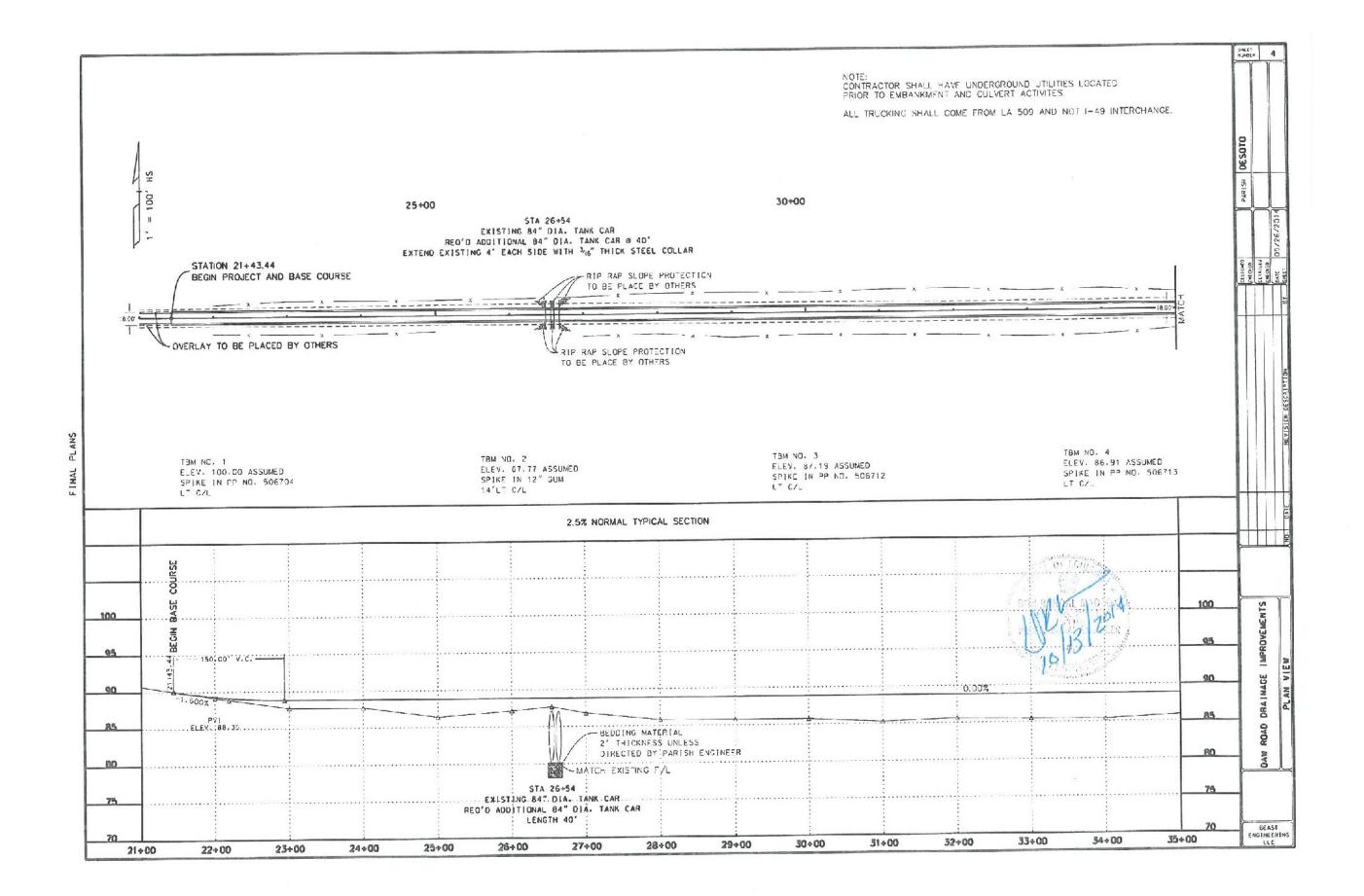
ITEM NUMBER	ITEM NAME	PAY UNIT	QUANTITY
201-01	Clearing and Grubbing	Acre	0.7
203-07	Borrow (Vehicular Measurement)(Select Soils)	Cubic Yard	7,487
204-05	Temporary Silt Fencing	Linear Foot	500
301-02-00600	Base Course (12" Thick)	Square Yard	5,567
701-03	Installation of Cross Drain Pipe(84" Dia. Min.)(Tank Car Furnished By Others)	Linear Foot	248
701-10-1	Reinforced Concrete Pipe (Extension)(24")	Linear Foot	24
701-15	Concrete Pipe Collar	Each	2
713-01	Temporary Signs and Barricades	Lump Sum	Lump Sum
726-01-00100	Bedding Material	Ton	300
739-01	Hydroseeding	Acre	0.7
727-01	Mobilization	Lump Sum	Lump Sum

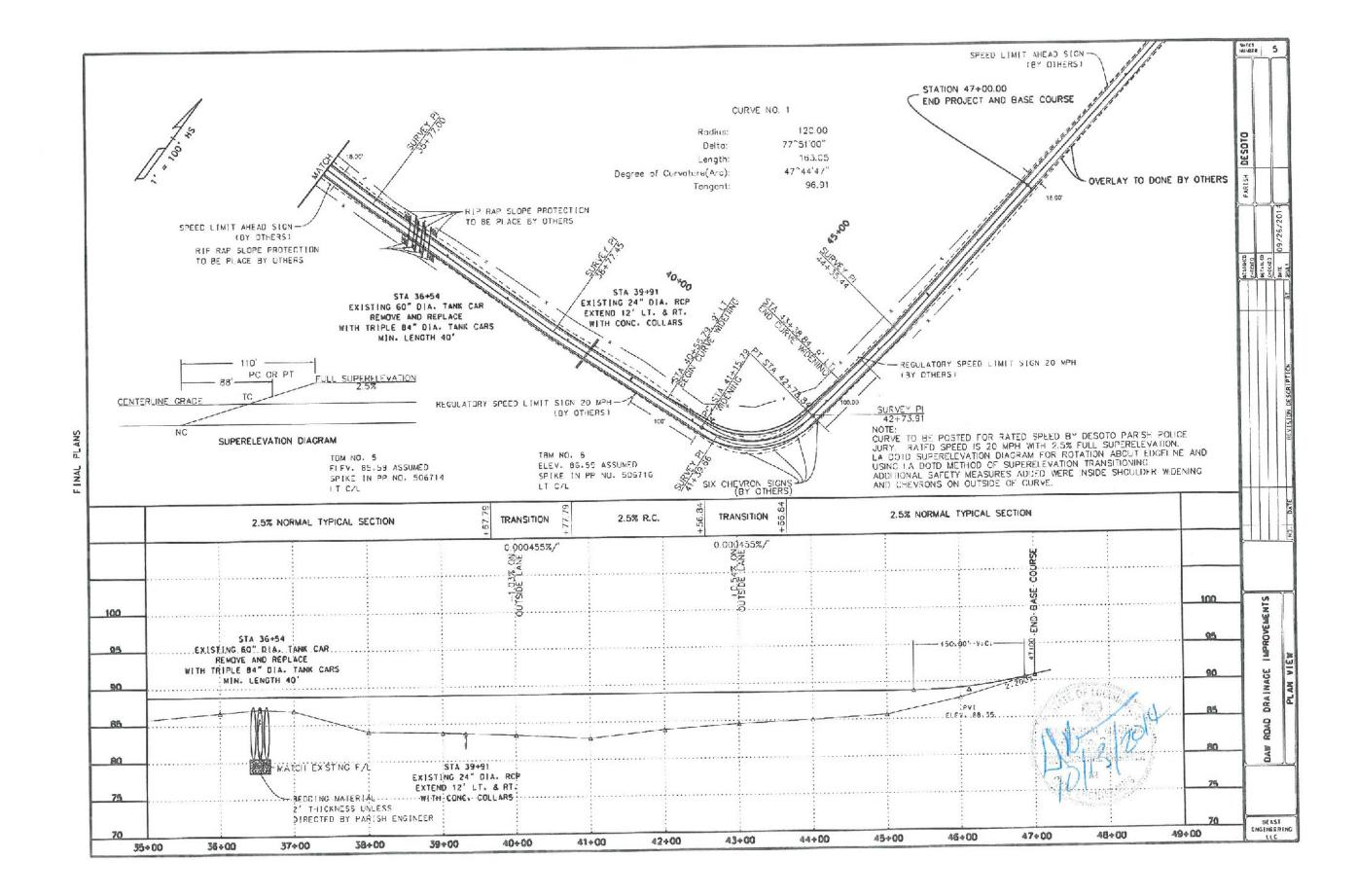
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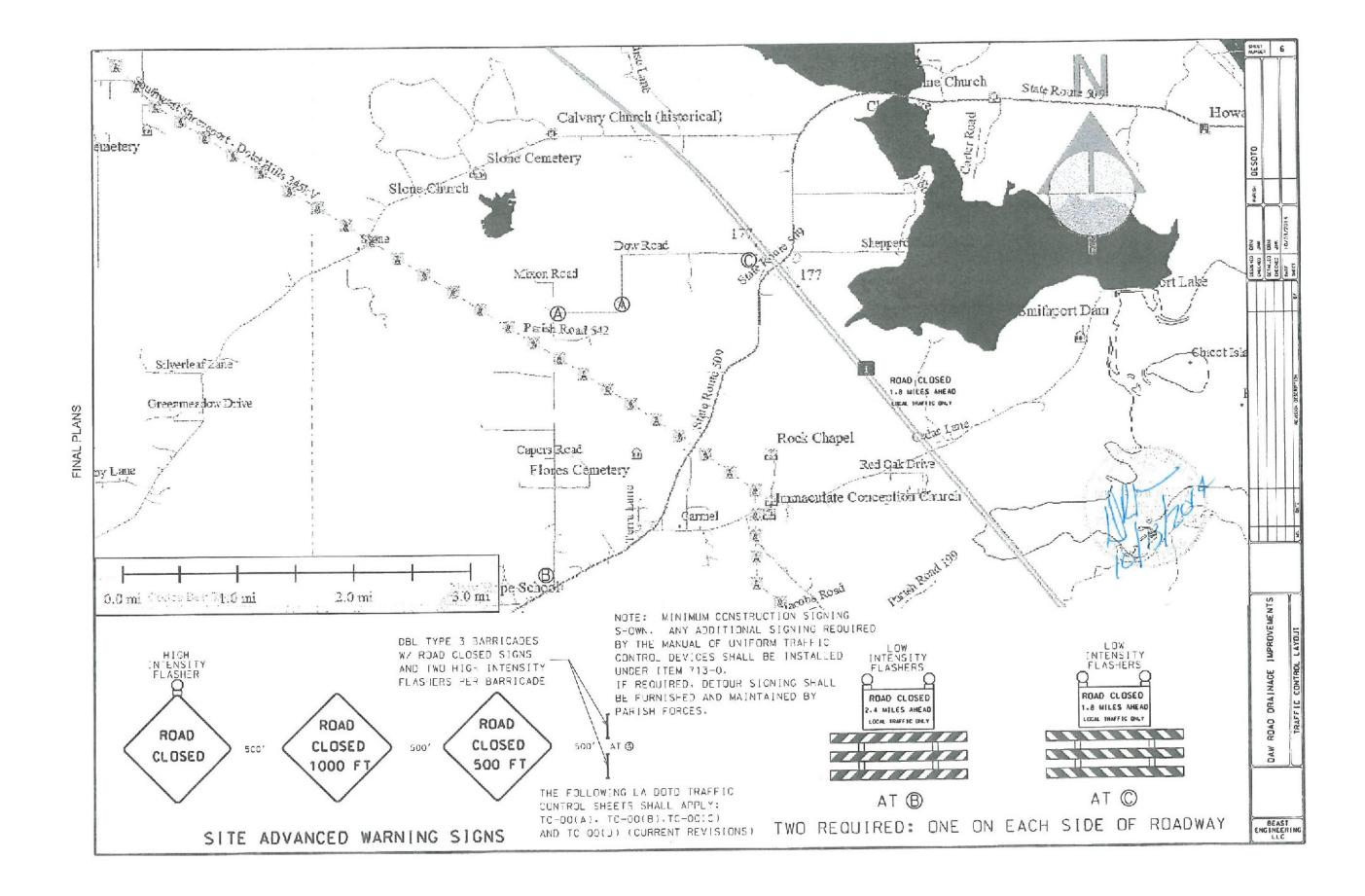
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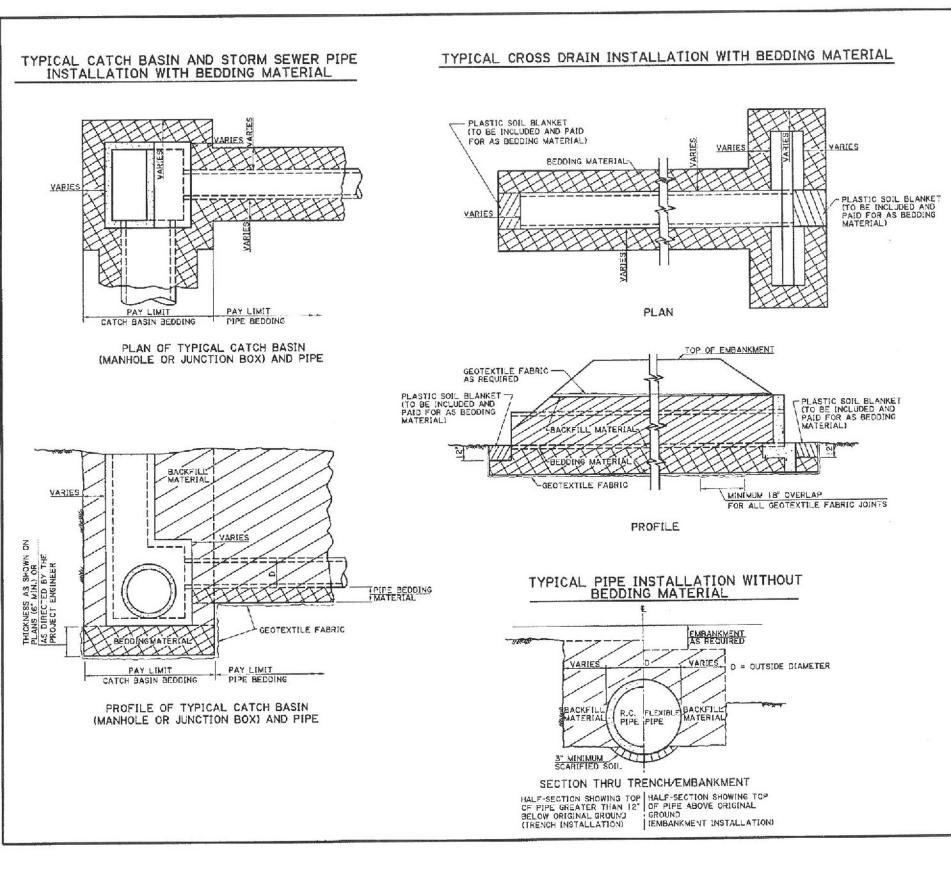
EAST

ENG INEER









GENERAL NOTES

- I. CONSTRUCTION SPECIFICATIONS: LATEST APPROVED LA DOTD STANDARD SPECIFICATIONS
- STANDARD DOTD FIPE INSTALLATION, BEDDING, BACKFILL, (TYPE "A" OR "S") AND TRENCH WIDTH ARE DEFINED IN SECTIONS 701 AND 726 CF THE LA DOTD STANDARD SPECIFICATIONS.
- 3. THE NEED AND/OR THE THICKNESS OF BEDDING MATERIAL WILL BE DETERMINED BY THE GEOTECHNICAL SECTION AND WILL BE SHOWN ON THE PLANS. ADDITIONAL BEDDING MATERIAL MAY BE REQUIRED BY THE PROJECT ENGINEER AT NO COST TO THE CONTRACTOR.
- 4. THE DETAILS ON THIS SHEET DEPICT PAY LIMITS FOR BEDDING MATERIALS. THE BEDDING MATERIAL PAY QUANTITIES ARE TO BE BASED ON THE THEORETICAL NET SECTION WITH NO PIPE DEDUCTIONS.
- 5. THE BACKFILL IS TO BE MEASURED AND PAID IN ACCORDANCE WITH SECTION 7C1 OF LA DOTD STANDARD SPECIFICATIONS.
- 6. BEDDING SHOWN ON THIS STANDARD PLAN CONFORMS TO THE CURRENT AASHTO SPECIFICATIONS.
- FLEXIBLE PIPE CONSISTS OF ALL CORRUGATED METAL AND PLASTIC PIPE.
- B. REINFORCED CONCRETE PIPE AND FLEXIBLE
 PIPE ARE SHOWN AS TYPICAL STRUCTURES.
 DETAILS FOR REINFORCED CONCRETE BOX,
 REINFORCED CONCRETE PIPE ARCH, CORRUGATED
 METAL PIPE ARCH AND CORRUGATED STRUCTURAL
 PLATE STRUCTURES ARE SIMILAR.
- 9, MINIMUM COVER IS 12" FOR ALL PIPE. THERE IS NO MINIMUM COVER REQUIREMENT FOR RCS.

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FEMBA. MCJECT STATE PROJECT

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BEDDING AND BACKFILL FOR DRAINAGE STRUCTURES

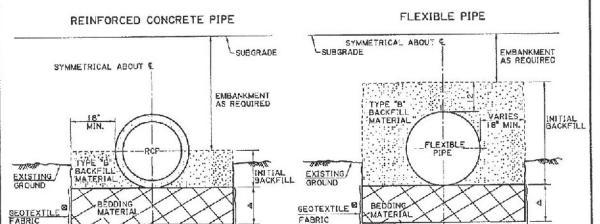
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TYPICAL PIPE INSTALLATION WITH BEDDING MATERIAL

EMBANKMENT INSTALLATION

FOR RIGID PAVEMENTS, FLEXIBLE PAVEMENTS OR OTHER AREAS



TOP OF PIPE ABOVE EXISTING GROUND

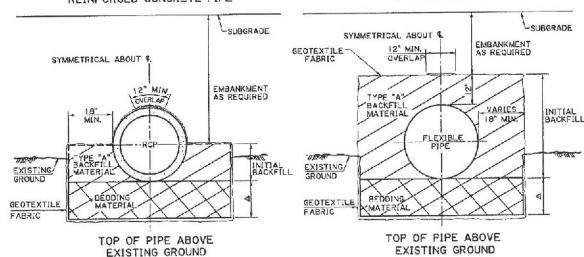
TOP OF PIPE ABOVE EXISTING GROUND

- TO FOR RIGID PAVEMENTS: APPLIES TO ALL PIPE UNDER RIGID PAVEMENT. EXCEPT AS NOTED FOR FLEXIBLE PAVEMENT NOTE TO BELOW. FOR FLEXIBLE PAVEMENTS: APPLIES TO PIPES THAT DO NOT CROSS THE CENTERLINE OF NEW OR EXISTING ROADWAY FOR OTHER AREAS: APPLIES TO PIPES IN NONPAVED AREAS OR PAVED AREAS THAT SERVE AS DRIVEWAYS OR SHOULDERS
- № IF DIRECTED BY THE PROJECT ENGINEER, GEOTEXTILE FABRIC WILL BE INSTALLED AROUND THE TYPE 'B" BACKFILL AND PAID UNDER THE PAY ITEM FOR GEOTEXTILE FABRIC, SECTION 711 OR 203 OF LA DOTD STANDARD SPECIFICATIONS OR BY CHANGE ORDER.

FOR FLEXIBLE PAVEMENTS @ @

REINFORCED CONCRETE PIPE

FLEXIBLE PIPE



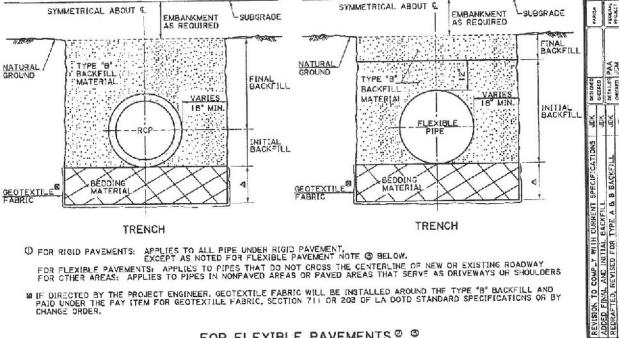
- @ APPLIES TO PIPE CROSSING THE CENTERLINE OF NEW OR EXISTING ROADWAYS
- ALSO APPLIES UNDER RIGID PAVEMENTS FOR PIPES CROSSING THE CENTERLINE OF NEW CR EXISTING PAVEMENTS WHEN THE PROJECT IS BID USING A RIGID VS FLEXIBLE ALTERNATE (A + B + C) BID MODEL.
 - A THICKNESS AS SHOWN ON PLANS (6" MIN.) OR AS DIRECTED BY THE PROJECT ENGINEER

TRENCH INSTALLATION

TOR RIGID PAVEMENTS, FLEXIBLE PAVEMENTS OR OTHER AREAS

REINFORCED CONCRETE PIPE

FLEXIBLE PIPE



TRENCH

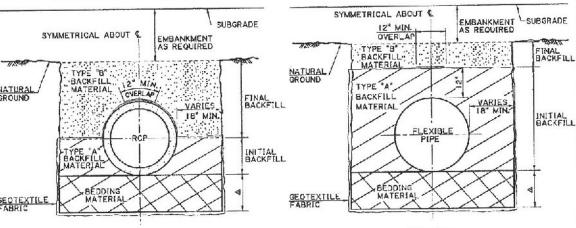
TRENCH

- O FOR RIGID PAVEMENTS: APPLIES TO ALL FIPE UNDER RIGID PAVEMENT, EXCEPT AS NOTED FOR FLEXIBLE PAVEMENT NOTE @ BELOW. FOR FLEXIBLE PAVEMENTS: APPLIES TO PIPES THAT DO NOT CROSS THE CENTERLINE OF NEW OR EXISTING ROADWAY FOR OTHER AREAS: APPLIES TO PIPES IN NONFAVED AREAS OR PAVED AREAS THAT SERVE AS DRIVEWAYS OR SHOULDERS
- M IF DIRECTED BY THE PROJECT ENGINEER, GEOTEXTILE FABRIC WILL BE INSTALLED AROUND THE TYPE "B" BACKFILL AND PAID UNDER THE PAY (TEM FOR GEOTEXTILE FABRIC, SECTION 71) OR 203 OF LA DOTD STANDARD SPECIFICATIONS OR BY CHANGE ORDER.

FOR FLEXIBLE PAVEMENTS @ @

REINFORCED CONCRETE PIPE

FLEXIBLE PIPE



TRENCH

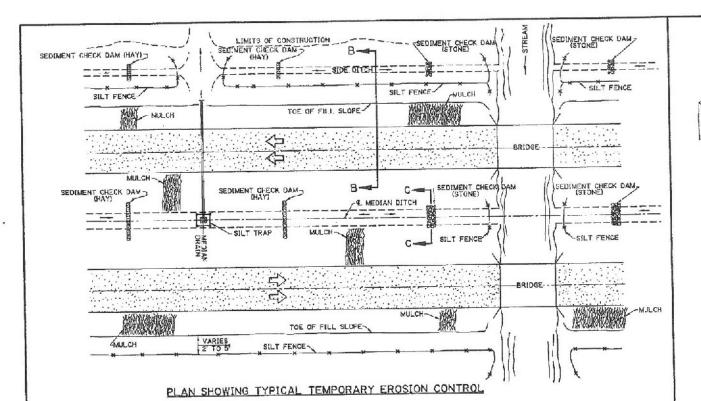
TRENCH

- 2 APPLIES TO PIPE CROSSING THE CENTERLINE OF NEW OR EXISTING ROADWAYS
- 3 ALSO APPLIES UNDER RIGID PAVEMENTS FOR PIPES CROSSING THE CENTERLINE OF NEW OR EXISTING PAVEMENTS WHEN THE PROJECT IS BID USING A RIGID VS FLEXIBLE ALTERNATE (A + B + C) BID MODEL.
 - A THICKNESS AS SHOWN ON PLANS (6" MIN.)
 OR AS DIRECTED BY THE PROJECT ENGINEER

BEDDING AND DRAINAGE S HYDRAULICS

SECTION

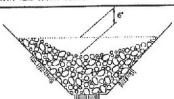
SHEET 202



MULCHES

MULCHES ARE THE APPLICATION OF MATS OF MATERIAL PLACED ON THE SOIL SURFACE TO PREVENT EROSION BY PROTECTING THE SOIL SURFACE FROM RAINDROP IMPACT AND TO REDUCE THE VELOCITY OF GWERLAND FLOW. MULCHES CAN BE ORGANIC OR SYNTHETIC, MULCHES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW QUIDELINES FOR THE USE OF MULCHES ARE:

- USE ON OUT AND EMBANKMENT SLOPES WHICH HAVE NOT SEEN COMPLETED TO PLAN GRADE OR WHERE THE WEATHER OR SOIL CONDITIONS WILL NOT PERMIT COMPLETING THEM WITHIN A REASONABLE TIME
- 2. USE ON CLEARED, GRUBBED, AND SCALPED AREAS WHERE SOIL EROSION IS LIKELY TO OCCUR
- 3. USE WITH TEMPORARY SEEDING

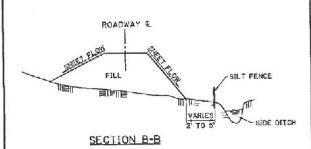


SECTION C-C

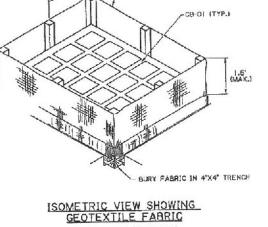
TEMPORARY SEDIMENT CHECK DAM (STONE) PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (STONE)

NOTES)
A STONE CHECK DAM IS A SMALL TEMPORARY DAM CONSTRUCTED ACROSS A SWALE OR TRAINAGE DITCH. THE PURPOSE OF THIS MEASURE IS TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS, THEREBY REDUCING EROSION OF THE SWALE OR DITCH. THE STONE CHECK DAM WILL THAP SMALL AMOUNTS OF SEDIMENTS GENERATED IN THE DITCH ITSELF, HOWEVER IT SHOULD NOT BE USED AS A SEDIMENT TRAPPING DEVICE. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF STONE CHECK DAMS ARE:

- I. USE IN SMALL OFEN CHANNELS WHICH DRAIN ID ACRES OR LESS
- 2. DO NOT USE IN A LIVE STREAM
- USE IN A TEMPERARY DITCH OR SWALE WHICH, BECAUSE OF THEIR SHORT LENGTH OF SERVICE, CANNOT RECEIVE A NON- ERODIBLE LINING
- 4. USE IN PERMANENT DITCHES OR SWALES WHICH WILL NOT RECEIVE A PERMANENT LINBUG FOR AN EXTENDED PERIOD OF TIME
- USE IN TEMPORARY OR PERMANENT DITCHES OR SWALES WHICH NEED PROTECTION DURING THE ESTABLISHMENT OF GRASS LININGS
- 6. FOR STONE SPECIFICATIONS, SEE PROJECT SPECIFICATIONS FOR RIPRAP, (CLASS 2 LB)

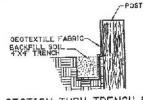


TEMPORARY SILT FENCE APPLICATION (FOR CONSTRUCTION DETAILS AND SPECIFICATIONS SEE SHEET 2 CF 2.)

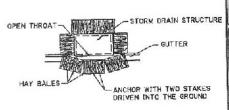


GEOTEXTILE FABRIC

(BACKFILL SOIL NOT SHOWN)



SECTION THRU TRENCH SHOWING GEOTEXTILE FABRIC



PLAN SHOWING HAY BALES PAY ITEM: TEMPORARY HAY OR STRAW BALES

TEMPORARY INLET SILT TRAP

THE TEMPORARY DROP INLET SILT TRAP IS TO DC USED FOR SMALL DRAINAGE AREAS (LESS THAN I ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

- THE GEOTEXTILE FABRIC SHALL CONFORM TO PROJECT SHEDIFICATIONS FOR GEOTEXTILE FABRIC (CLASS S).
- WOODEN STAKES SUPPORTING THE FABRIC SHALL BE 2' X 2' OR 2' X 4' WITH A MINIMUM LENGTH OF 3 FEET. THE STAKES SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 5 FEET.
- THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO LIS' AND THE BOTTOM OF THE FABRIC SHALL BE BURILED IN A TREMCH APPROXIMATELY 4" MIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO THE POST WITH 1/2" STAPLES.
- THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND EACH STAKE SHOULD BE FIRMLY IN THE GROUND.
- 5. HAY BALES SHALL BE PLACED SO THAT THE BINDING WIRE OR TWINE IS NOT IN CONTACT WITH THE GROUND,



POINTS A SHOULD BE HIGHER THAN POINT B.

ELEVATION



SECTION A-A

TEMPORARY SEDIMENT CHECK DAM (HAY)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (HAY)

NOTES:
A FAY BALE BARRIER IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A
ROW OF ENTREMCHED AND ANCHORED BALES OF STRAW OF 1AY. THE HAY BALE
BARRIER IS ALSO USED AS A CHECK DAM TO REDUCE THE VELOCITY IN SMALL
DITCHES OR SWALES. THE HAY BALES SHALL BE IN ACCORDANCE WITH
PROJECT SPECIFICATIONS FOR TEMPORARY ERCSION CONTROL.
A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A HAY BALE BARRIER ARE

- I. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
- 2. USE IN MINOR SWALES OR DITCHES WHERE THE MAXIMUM DRAINAGE AREA IS 2 ACRES
- 3. ONLY USE WHERE THE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS
- 4. DO NOT USE IN LIVE STREAMS OR IN SWALES OR DITCHES WHERE THERE IS A POSSIBILITY OF A WASHOUT

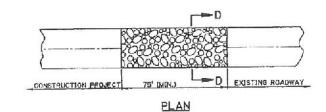


Y EROSION DETAILS

EMPORARY CONTROL DE

SAGET 203

HYDRAULICS SECTION



-STONE GEOTEXTILE FABRIC

SECTION D-D

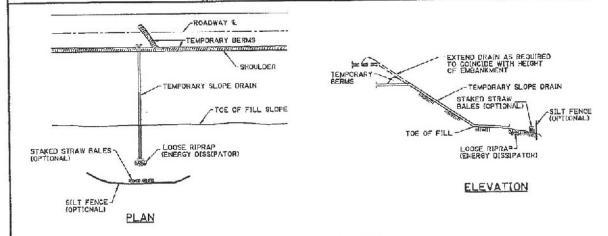
TEMPORARY STONE CONSTRUCTION ENTRANCE

PAY ITEM: TEMPORARY STONE CONSTRUCTION ENTRANCE

TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD. THEN THE THE MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACKS ARE:

- I. THE STONE LAYER MUST BE AT LEAST & INCHES THICK.
- 2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 LB).
- 3. THE LENGTH OF THE PAD MUST BE A LEAST 75 FEET AND IT MUST EXTEND THE FULL WIGHTH OF THE VEHICULAR INGRESS AND EGRESS.
- A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
- 5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.



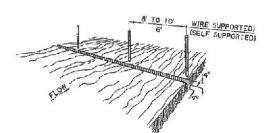
TEMPORARY SLOPE DRAIN

A TEMPORARY SLOPE DRAIN IS A DEVICE USED TO CARRY WATER FROM THE CONSTRUCTION WORK AREA TO A LOWER ELEVATION. SLOPE DRAINS MAY 6E PLASTIC SHEET, METAL OR PLASTIC PIPE, STONE GUTTERS, FIRER MATS, OR CONCRETE OR ASPHALT DITCHES. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A TEMPORARY SLOPE DRAIN ARE:

- 1. THE SPACING OF THE SLOFE DRAINS VARIES WITH THE ROAD GRADE.

 C.OX 2.0X USE DOC' SPACING
 C.X 5.0X USE DOC' SPACING
 GREATER THAN 5.0X USE 100' SPACING
- 2. SLOPE DRAIN MATERIAL: SMOOTH PIPE 8" MINIMUM 3 MILS THICK MIN. CORRUGATED PIPE 2" MINIMUM PLASTIC SHEETING 4" WICE MINIMUM PLASTIC SHEETING 3 MILS THICK MIN.
- 3. PLASTIC SHEETING CAN BE STAKED DOWN OR WEIGHTED WITH ROCKS OR LOGS. THE AREA UNDER THE SHEETING SHOULD BE SHAPED TO PROVIDE AN ADEQUATE CHANNEL.
- 4. THE OUTLET END SHOULD BE PROTECTED OR HAVE SOME MEANS OF DISSIPATING ENERGY. THE FLOW SHOULD BE DIRECTED THROUGH A SEDIMENT TRAP SUCH AS A SILT FENCE, HAY DALES, OR OTHER APPROVED SEDIMENT CONTROL DEVICES.
- 5. TO INSURE PROPER OPERATION, TEMPORARY SLOPE DRAINS SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM, FOR CLOGGING OR DISPLACEMENT. EROSION AT THE OUTLET SHOULD BE CHECKED AND THE SILT TRAPS CLEANED IF NECESSARY.

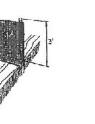
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.

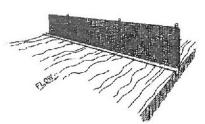


3, ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT (NTO THE TRENCH.

2, STAPLE WIRE FENCING TO THE POSTS.

4. BACKFILL AND COMPACT EXCAVATED SOIL





EXTENSION OF FABRIC INTO THE TRENCH.



CONSTRUCTION OF TEMPORARY SILT FENCING

(WIRE SUPPORTED SILT FENGE IS SHOWN. SELF SUPPORTED SILT FENCE WILL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

NOTES

SILT FENCING IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A FILTER FABRIC SUPPORTED BY POSTS AND STRETCHED ACROSS AN AREA TO INTERCEPT AND ULTAIN SMALL AMOUNTS OF SEDIMENT. THE SILT FENCING SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPURARY EROSION CONTROL. A FEW BASIC GUIDELINES FOR THE USE OF SILT FENCING ARE:

- I, USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
- 2. USE WHERE THE MAXIMUM DRAINAGE AREA BEHIND THE SILT FENCE IS 1/4 ACRE PER 100 FEET OF SILT FENCE LENGTH
- 3. USE WHERE THE MAXIMUM SLOPE LENGTH BEHIND THE BARRIER IS 100 FEET
- 4. USE THERE THE MAXIMUM GRADIENT BEHIND THE BARRIER IS 2:1
- 5. DO NOT USE SILT FENCES IN LIVE STREAMS OR IN DITCHES OR SWALES WHERE FLOWS EXCEPT ONE CUBIC FOOT PER SECOND



Y EROSION DETAILS

CONTROL D

SHEET 204

HYDRAULICS SECTION

