END DETOUR M4 - 8a [24" x 18"] (3 S.F.) M4 - 11 (S) [48" x 36"] (12 S.F.) (16 S.F.)

> SPEED LIMIT

R2 - 1 [36" x 48"] (12 S.F.)

R2 - 1 (S) [48" x 60"] (20 S.F.)

> DO NOT PASS

R4 - 1 [24" x 30"] (5 S.F.)

ROAD CLOSED

ROAD CLOSED

LOCAL TRAFFIC ONLY

R11 - 3 [60" x 30"]

(12.5 S.F.)

MILES AHEAD

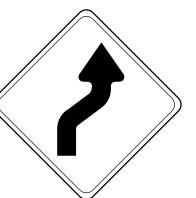
R11 - 2 [48" x 30"] (10 S.F.)

M4 - 9X [30" x 24"]

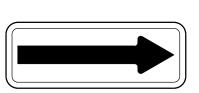
M4 - 9X (S) [48" x 36"]

ROAD CLOSED TO **DETOUR** THRU TRAFFIC

M4 - 10L (LEFT) [48" x 18"] R11 - 4 [60" x 30"] M4 - 10R (RIGHT) [48" x 18"] (12.5 S.F.) (6 S.F.)



(L OR R) W1 - 4a [48" x 48"]



W1- 6 [48" x 24"] (8 S.F.)

(L OR R)

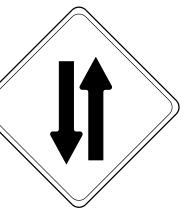
W1 - 6 (S) [60" x 30"] (12.5 S.F.)



(L OR R) W4 - 2 (S) [48" x 48"] (16 S.F.)



W5 - 1 (S) [48" x 48"] (16 S.F.)



W6 - 3 [48" x 48"] (16 S.F.)

PREPARED

TO STOP

W20 - 7b [48" x 48"]

(16 S.F.)



W20 - 4 [48" x 48"] (16 S.F.)

MPH

W13 - 1 [18" x 18"]

(2.3 S.F.)

W13 - 1 (S) [24" x 24"]

(4 S.F.)

ROAD

WORK

W20 - 1A [48" x 48"]

(16 S.F.)

DETOUR

W20 - 2 [48" x 48"]

(16 S.F.)

ROAD

CLOSED

W20 - 3 [48" x 48"]

(16 S.F.)



(L OR R) (CENTER)

W20 - 5 [48" x 48"]

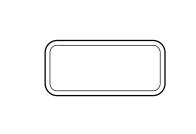
(16 S.F.)

(16 S.F.)

W20 - 7a [48" x 48"]



W21 - 5 (S) [48" x 48"] (16 S.F.)



M4 - 9N [30" x 12" MIN.] (2.5 S.F.)

(SIZE WILL VARY WITH LENGTH OF

STREET NAME) STREET NAME SIGN TO BE USED IN CONJUNCTION WITH M4 - 9 SIGNS BLACK ON ORANGE



[24" x 24"] (4 S.F.)

[30" x 30"] (S) (6.3 S.F.)



(4 S.F.) [30" x 30"] (S) (6.3 S.F.)

NOTE:

KEEP

LEFT

[24" x 24"]



BUMP

W8 - 1 (S) [48" x 48"]

(16 S.F.)

W8 - 9a [48" x 48"]

(16 S.F.)

GROOVED

PAVEMENT

AHEAD

W8 - 14 [48" x 48"]

(16 S.F.)

GROOVED

PAVEMENT

W8 - 14A [48" x 48"]

(16 S.F.)

W99 - 2 [48" x 48"] (16 S.F.)

THE BORDER, THE WORDS "GIVE US A", "SLOW

DOWN!", AND THE BRAKE PEDAL ARE BLACK;

LEAVING THE WORD "BRAKE" ORANGE.

GENERAL NOTES:

DIMENSIONS, COLORS AND DETAILS OF VARIOUS SIZE SIGNS, AND ACCESSORY PANELS TO FOLLOW STANDARDS IN THE CURRENT "STANDARD HIGHWAY SIGN PUBLICATION" AND THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL

STATE

N.J.

FEDERAL PROJECT NO.

NHS-7802(161)

(S) REPRESENTS A SPECIAL SIZE SIGN.

DEVICES FOR STREETS AND HIGHWAYS".

- LETTERS AND NUMERALS SHALL CONFORM TO THE CURRENT MANUAL, "STANDARD ALPHABETS FOR HIGHWAY SIGNS" U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.
- 4. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER FOR THE DISTANCE TO BE USED ON THE ADVANCE WARNING SIGNS, AND FOR THE SPEED LIMIT TO BE USED ON THE R2-1 SIGN.
- DISTANCE LEGEND: SIGN NUMBER FOLLOWED BY LETTER & DISTANCE

LETTER	DISTANCE
Α	1500′
В	1000′
С	500′
D	MILE
E	MILES AHEAD
F	AHEAD

BACKING MATERIAL

- 1. ALUMINUM SHALL BE FLAT SHEET OF ALLOY AND TEMPER 5052-H38 OR 6061-T6:
- A. 0.10" THICK FOR ALL CONSTRUCTION SIGNS EXCEPT SIGNS SHOWN MOUNTED ON BREAKAWAY BARRICADES.
- B. 0.024" THICK FOR ALL CONSTRUCTION SIGNS SHOWN MOUNTED ON BREAKAWAY BARRICADES.

TEMPORARY SIGN SUPPORTS

- SIGN SUPPORTS SHALL BE OF WELL SEASONED LUMBER, S4S, FREE OF SPLITS, KNOTS AND WARPS, OR OF STEEL COMPONENTS.
- 2. WOOD POSTS SHALL HAVE A UNIFORM CROSS-SECTION AND SHALL NOT EXCEED THE FOLLOWING DIMENSIONS FOR:

SINGLE POST = $4'' \times 6''$ TWO POSTS = $3'' \times 6''$ OR $4'' \times 5''$ THREE POSTS = $3'' \times 5''$ OR $4'' \times 4''$

4" X 6" WOOD POSTS SHALL BE MODIFIED BY DRILLING 11/2 INCH DIAMETER HOLES 4 INCHES AND 18 INCHES ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.

- NO BRACING IS PERMITTED. VERTICAL CLEARANCES FOR SIGNS MOUNTED ON WOOD SUPPORTS SHALL BE 7 FOOT MINIMUM. EMBEDMENT DEPTH FOR THE WOOD POST SHALL NOT EXCEED 3.5 FEET.
- 4. STEEL POSTS SHALL BE IN ACCORDANCE WITH THE STANDARD DETAIL FOR U-POST SIGN SUPPORT.
- 5. TEMPORARY SIGN SUPPORTS NOT MEETING THIS CRITERIA SHALL BE SHIELDED BY A LONGITUDINAL BARRIER OR CRASH CUSHIONS.

SIGN FACES

SIGN FACES SHALL BE ASTM D 4956 TYPE VII OR VIII FLUORESCENT ORANGE SHEETING.

FASTENING

ALL SIGNS SHALL BE SECURELY FASTENED TO THEIR SUPPORTS WITH BOLTS, NUTS AND WASHERS IN ACCORDANCE WITH THE SPECIFICATIONS.

CONSTRUCTION SIGNS

N.T.S.

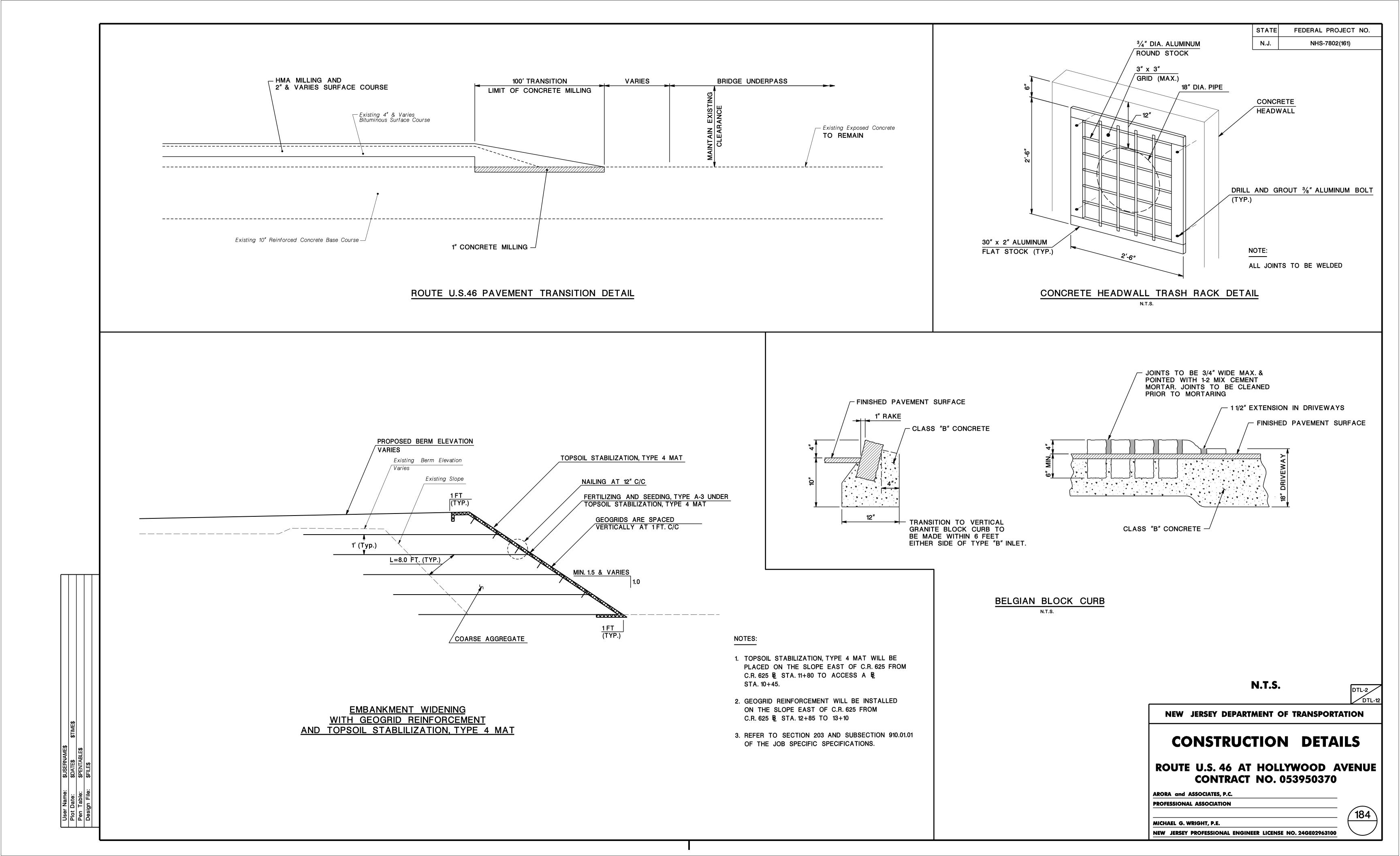
DTL-12 CD-159-6 **NEW JERSEY DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DETAILS

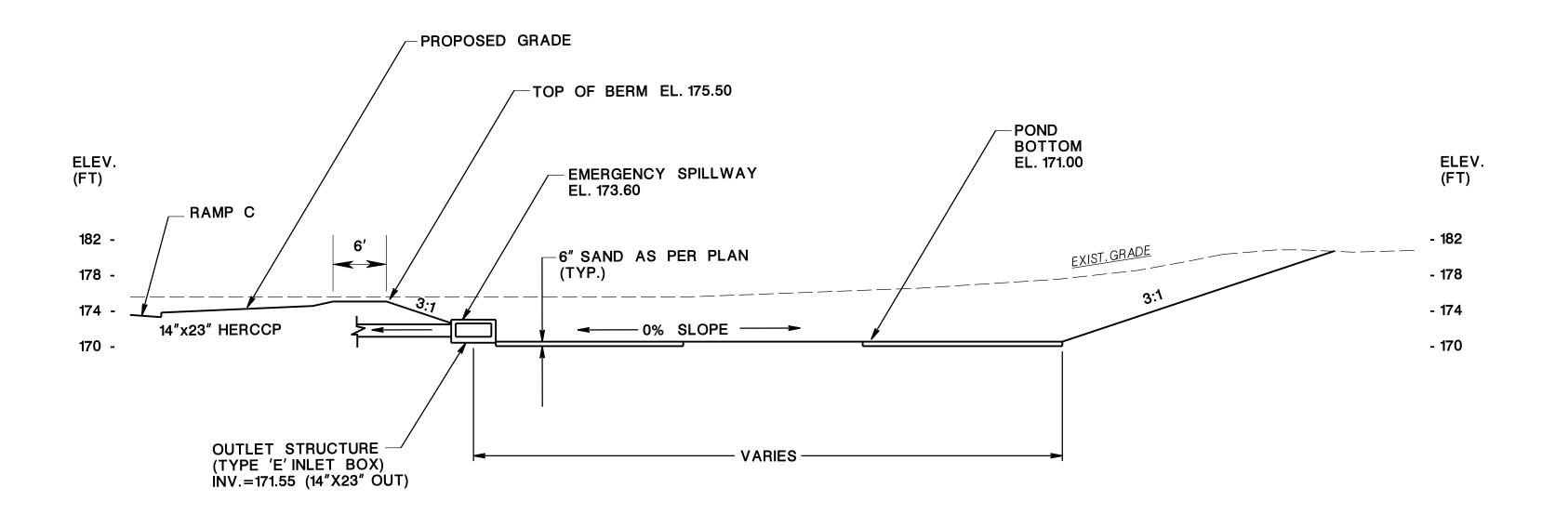
ROUTE U.S. 46 AT HOLLYWOOD AVENUE CONTRACT NO. 053950370

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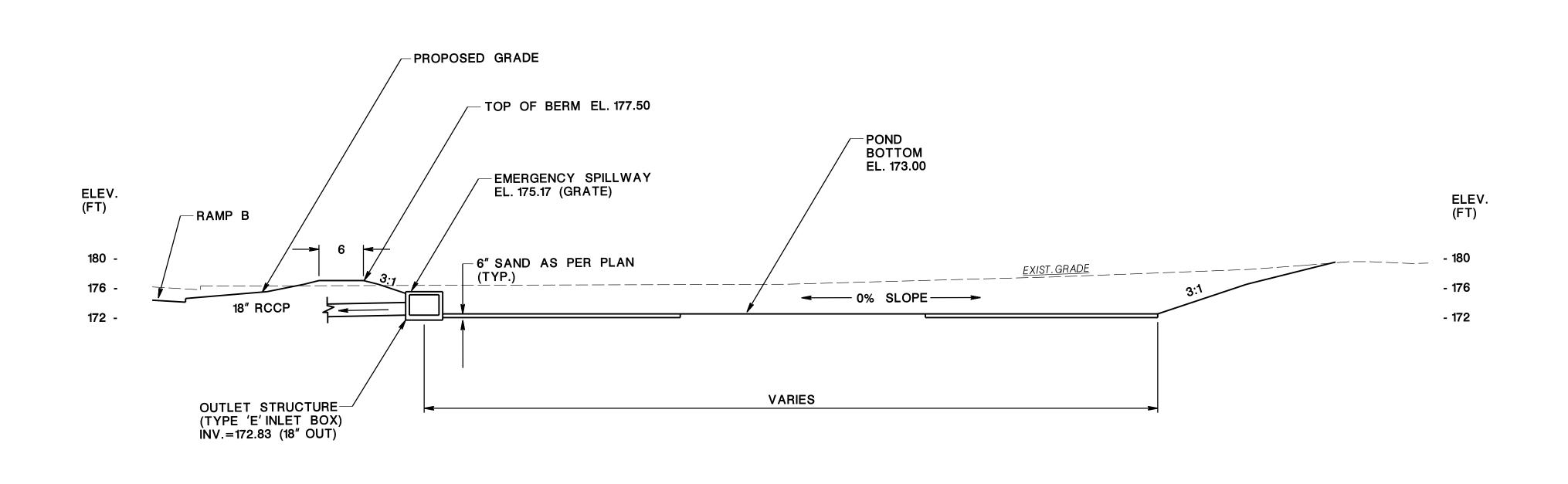
CD-159-6.1



STATE FEDERAL PROJECT NO. NHS-7802(161)



NORTH INFILTRATION POND



N.T.S.

DTL-3 DTL-12

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

ROUTE U.S. 46 AT HOLLYWOOD AVENUE **CONTRACT NO. 053950370**

ARORA and ASSOCIATES, P.C. PROFESSIONAL ASSOCIATION

MICHAEL G. WRIGHT, P.E.

DRAINAGE DESIGN BY: MALICK & SCHERER, P.C.

ARIF R. MALICK, P.E.

PROFESSIONAL ASSOCIATION

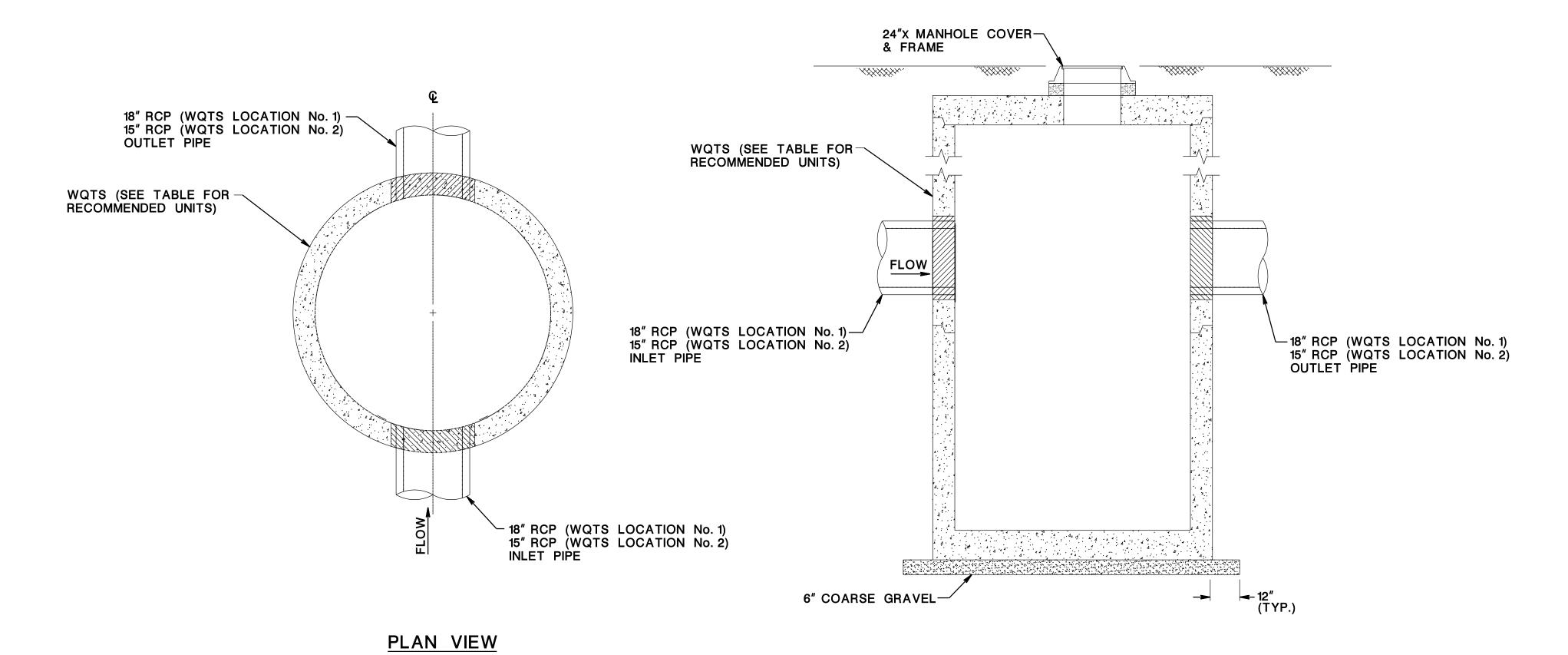
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE03945200

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE02963100

SOUTH INFILTRATION POND

STATE FEDERAL PROJECT NO.

N.J. NHS-7802(161)



SECTION VIEW

NOTES:

1. WATER QUALITY TREATMENT SYSTEM (WQTS) SHALL CONFORM TO HS-25 LOADING CRITERIA.

2. CONTRACTOR MAY USE ANY OF THE THREE UNITS LISTED OR AN EQUIVALENT, PROVIDED THAT A SHOP DRAWING IS APPROVED BY NJDOT.

WATER QUALITY TREATMENT SYSTEMS

MANUFACTURER	MODEL	WQTS #1 (SIZE)	WQTS #2 (SIZE)
CONTECH STORMWATER SOLUTIONS, INC.	HIGH EFFICIENCY CONTINUOUS DEFLECTIVE SEPARATOR UNIT	PMSU20_20	PSWC40_40
IMBRIUM SYSTEMS CORP.	STORMCEPTOR OSR	140	780
AQUASHIELD	AQUASWIRL	AS-4	AS-10

WATER QUALITY TREATMENT SYSTEM

N.T.S.

DTL-4 DTL-12

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NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

ROUTE U.S. 46 AT HOLLYWOOD AVENUE CONTRACT NO. 053950370

DRAINAGE DESIGN BY:

MALICK & SCHERER, P.C.

PROFESSIONAL ASSOCIATION

ARIF R. MALICK, P.E.

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE03945200

ARORA and ASSOCIATES, P.C.

PROFESSIONAL ASSOCIATION

MICHAEL G. WRIGHT, P.E.

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE03945200

User Name: \$USERNAME\$
Plot Date: \$DATE\$ \$TIME\$
Pen Table: \$PENTABLE\$

PICKETS

POST, 5' x 5' x 105"

TOP RAIL, 2' x 8' x 94" DECQ RAIL RIBBED

OAP (TYP.)

FORT CENTERS = 96"

CLASS 'B' CONCRETE

O' x 8" POSTS (TYP.)

VINYL FENCE (PRIVACY, 6' HIGH)

NOTES:

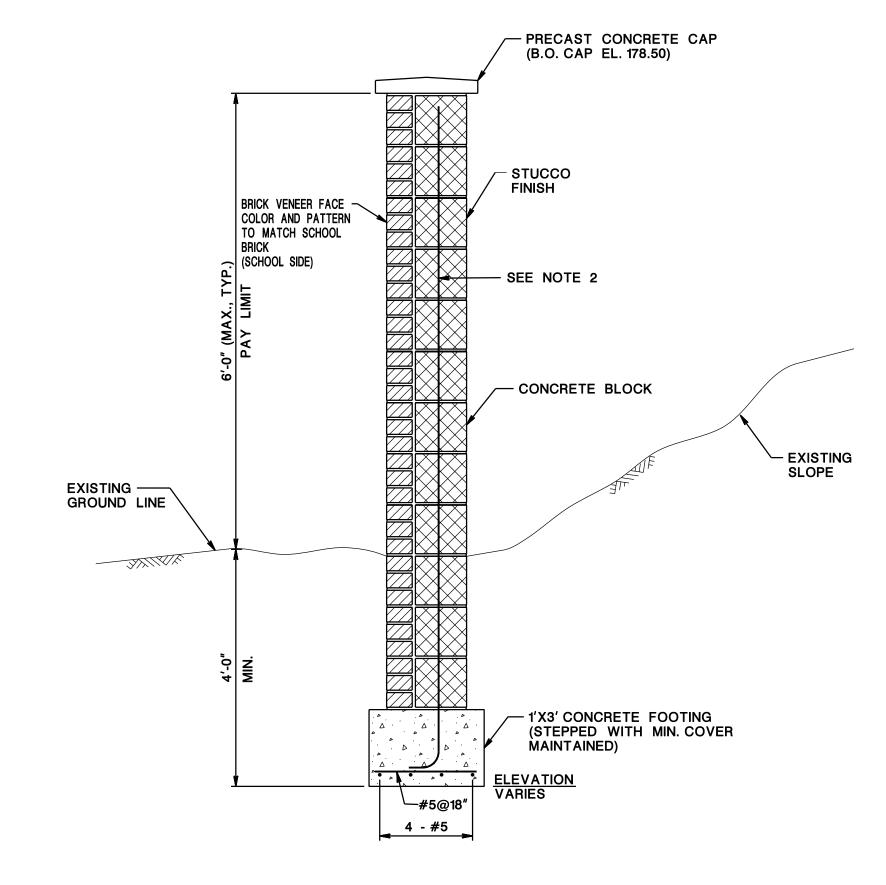
- 1. FENCE INCLUDING PICKETS, RAILS, POSTS AND CAPS SHALL BE CONSTRUCTED WITH MATERIALS MADE OF RIGID POLY VINYL CHLORIDE (PVC) THAT MEETS OR EXCEEDS ASTM D1784 AND IS TAN IN COLOR.
- 2. DIMENSIONS ARE APPROXIMATE AND SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

STATE	FEDERAL PROJECT NO.	
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STEEL U-POST SIGN SUPPORT DATA TABLE										
IDE	NTIFICATION	OFFSET	PANEI	L SIZE	NO.	POST HEIGHT		POST	POST	
NO.	STATION	X 1	w	B 1	OF POSTS	P ₁	P ₂	P ₃	SIZE	TYPE
GA-1	RT. 46 B STA. 108+65 R	2.0 FT.	8.0 FT.	5.0 FT.	3	12.0 FT.	12.0 FT.	12.0 FT.	4.0 #/FT.	STEEL
GA-2	RT. 46 B STA. 115+85 R	2.0 FT.	6.0 FT.	6.5 FT.	3	13.0 FT.	13.0 FT.	13.0 FT.	4.0 #/FT.	STEEL
GA-3	CR 625 B STA. 7+11 R	10.0 FT.	6.0 FT.	4.5 FT.	2	11.0 FT.		11.0 FT.	4.0 #/FT.	STEEL
GA-4	CR 625 B STA. 6+91 R	10.0 FT.	5.0 FT.	4.0 FT.	2	11.0 FT.		11.0 FT.	4.0 #/FT.	STEEL
GA-5	CR 625 B STA. 7+85 L	10.0 FT.	4.0 FT.	3.5 FT.	2	11.0 FT.		11.0 FT.	4.0 #/FT.	STEEL
GA-6	RT. 46 B STA. 129+65 L	2.0 FT.	8.0 FT.	5.0 FT.	3	12.0 FT.	12.0 FT.	12.0 FT.	4.0 #/FT.	STEEL
GA-7	RT. 46 B STA. 122+52 L	2.0 FT.	6.0 FT.	6.5 FT.	3	13.0 FT.	13.0 FT.	13.0 FT.	4.0 #/FT.	STEEL
GA-8	RAMP "C"	6.0 FT.	6.0 FT.	4.5 FT.	2	11.0 FT.		11.0 FT.	4.0 #/FT.	STEEL
GA-9	CR 625 B STA. 12+92 R	10.0 FT.	4.0 FT.	3.5 FT.	2	11.0 FT.		11.0 FT.	4.0 #/FT.	STEEL
GA-10	CR 625 B STA. 14+62 L	10.0 FT.	5.0 FT.	4.0 FT.	2	11.0 FT.		11.0 FT.	4.0 #/FT.	STEEL

STEEL U-POST SIGN SUPPORTS

STEEL POSTS, POST CLIPS, SPACING, ETC.
AND TWO PIECE STEEL U-POSTS.



LANDSCAPE ACCENT WALL

NOTES:

- PROVIDE WALL TIES CONNECTING BRICK VENEER TO CMU AT 16 INCH O.C. VERTICALLY 24 O.C. INCH HORIZONTALLY.
- 2. PROVIDE #5 VERTICAL REBAR WITHIN THE GROUTED CMU CORE SPACED AT 3 FOOT FOR FULL WALL HEIGHT.

N.T.S.



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NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

ROUTE U.S. 46 AT HOLLYWOOD AVENUE CONTRACT NO. 053950370

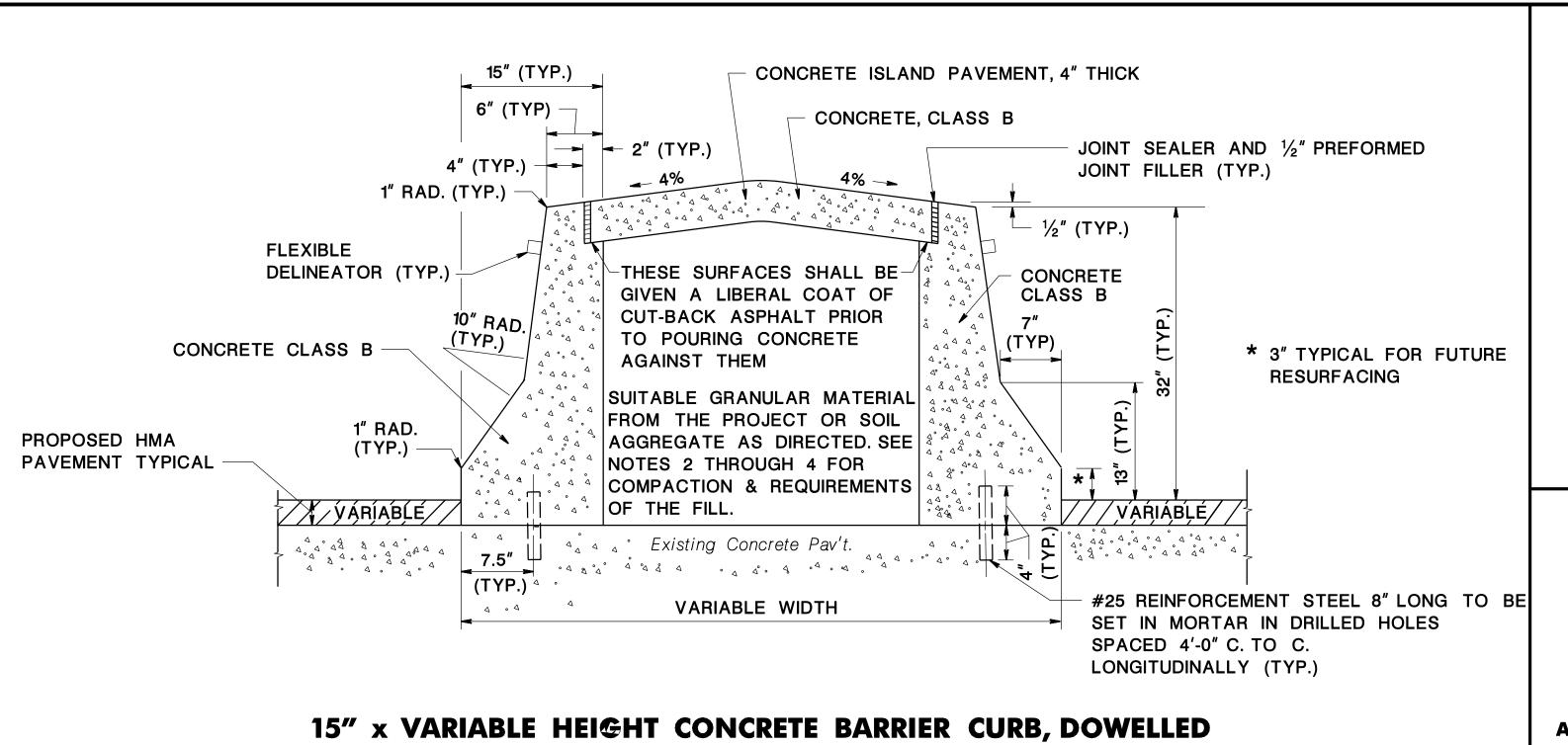
ARORA and ASSOCIATES, P.C.

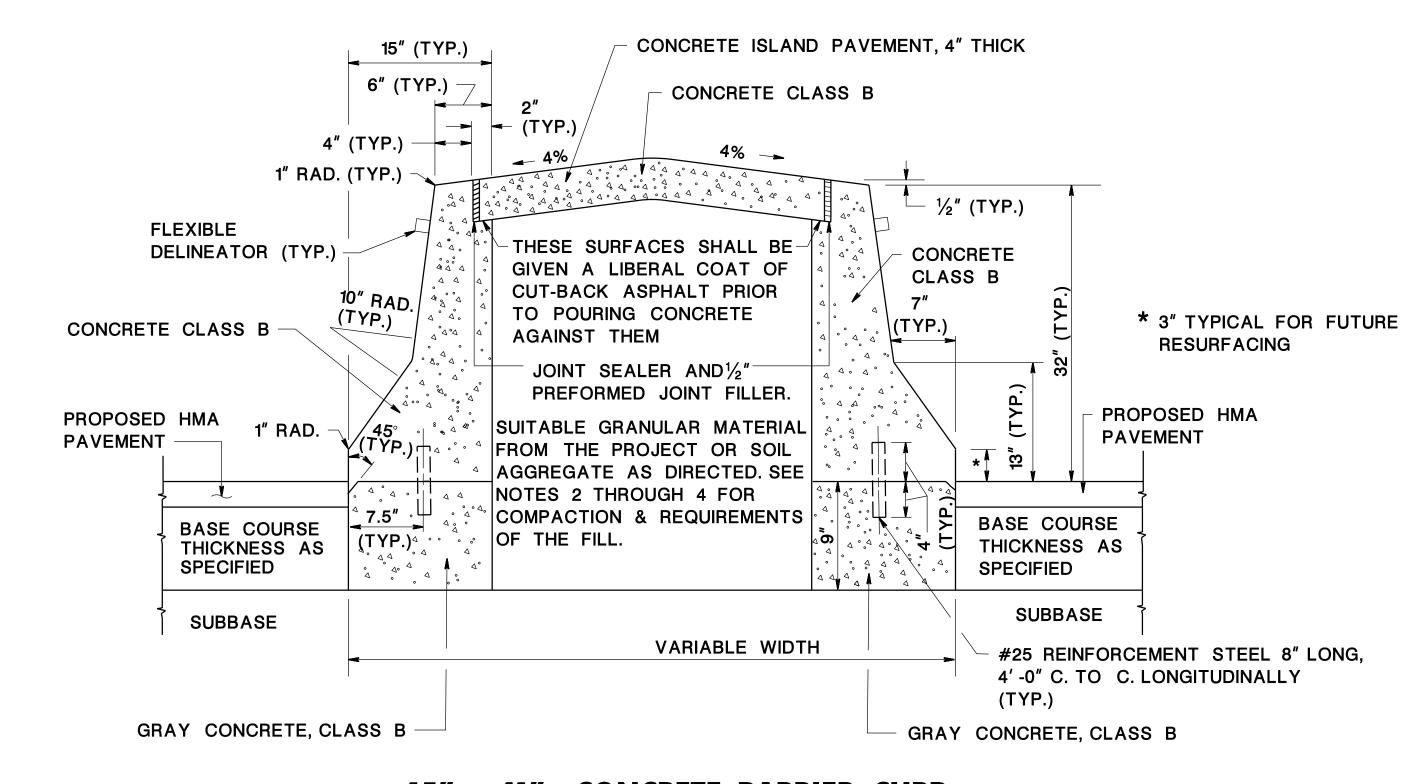
PROFESSIONAL ASSOCIATION

MICHAEL G. WRIGHT, P.E.

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24@E02963100

User Name: \$USERNAME:
Plot Date: \$DATE\$
Pen Table: \$PENTABLE\$

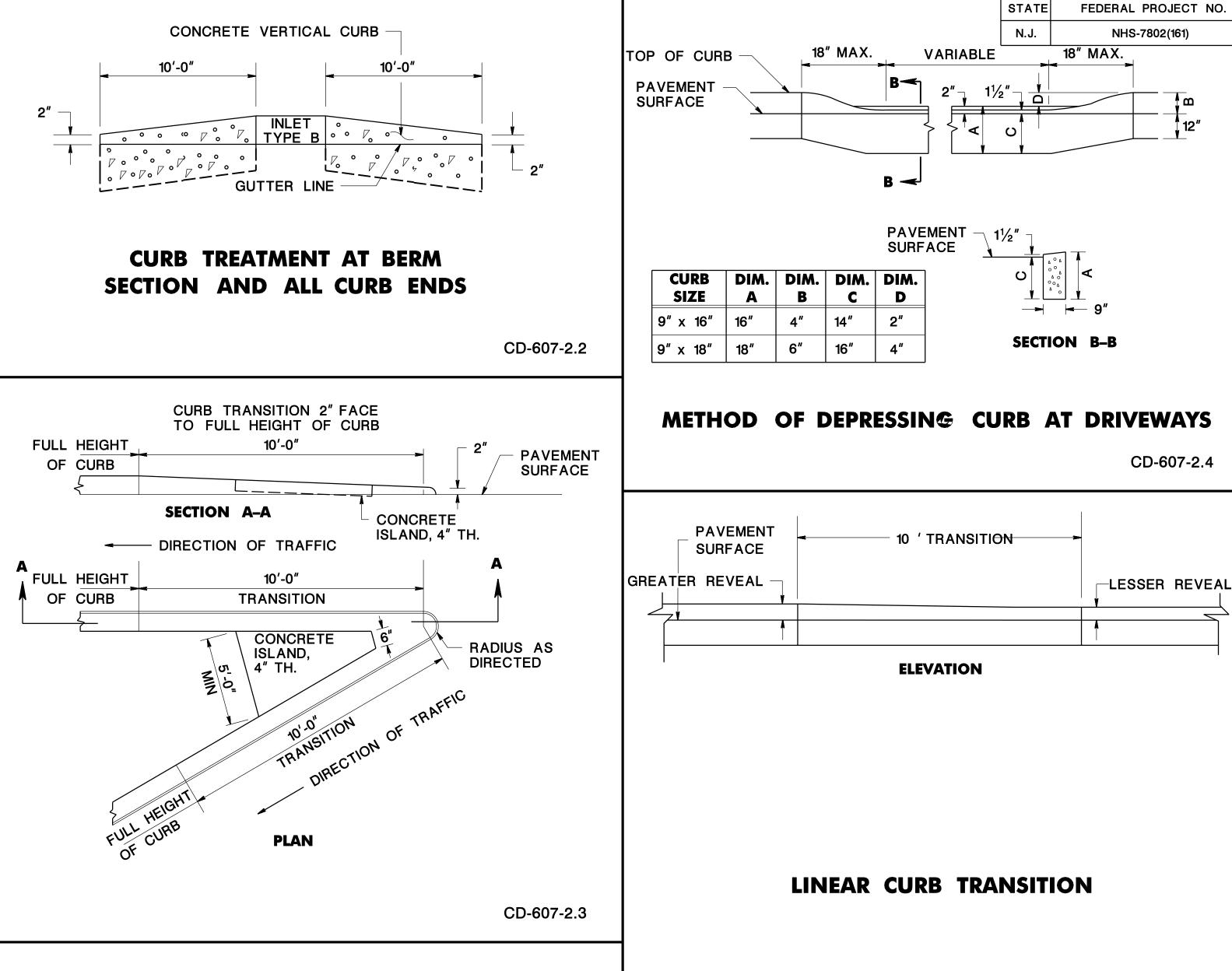




15" x 41" CONCRETE BARRIER CURB

NOTES:

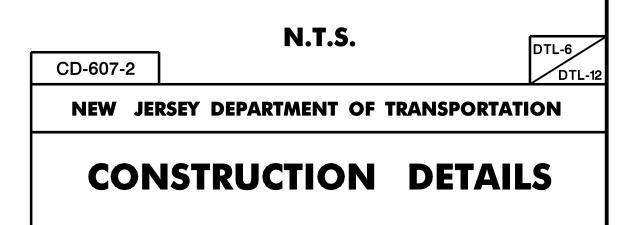
- 1. SEE GENERAL NOTES APPLYING TO ALL BARRIER CURB CD-607-3.2.
- 2. COMPACTION SHALL BE IN ACCORDANCE WITH THE DIRECTED METHOD OF THE NJDOT STANDARD SPECIFICATIONS AND ITS SUPPLEMENTS.
- 3. THE FILL BETWEEN THE CURBS SHALL BE SHAPED AND COMPACTED TO A FIRM EVEN SURFACE. UNSTABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIAL WHICH SHALL BE COMPACTED.
- 4. SOIL LIFTS SHALL BE LIMITED TO 12 INCHES AND EACH LIFT SHALL BE COMPACTED.



REINFORCEMENT STEEL IS IN METRIC UNITS

HMA = HOT MIX ASPHALT

BARRIER CURB AND VERTICAL CURB

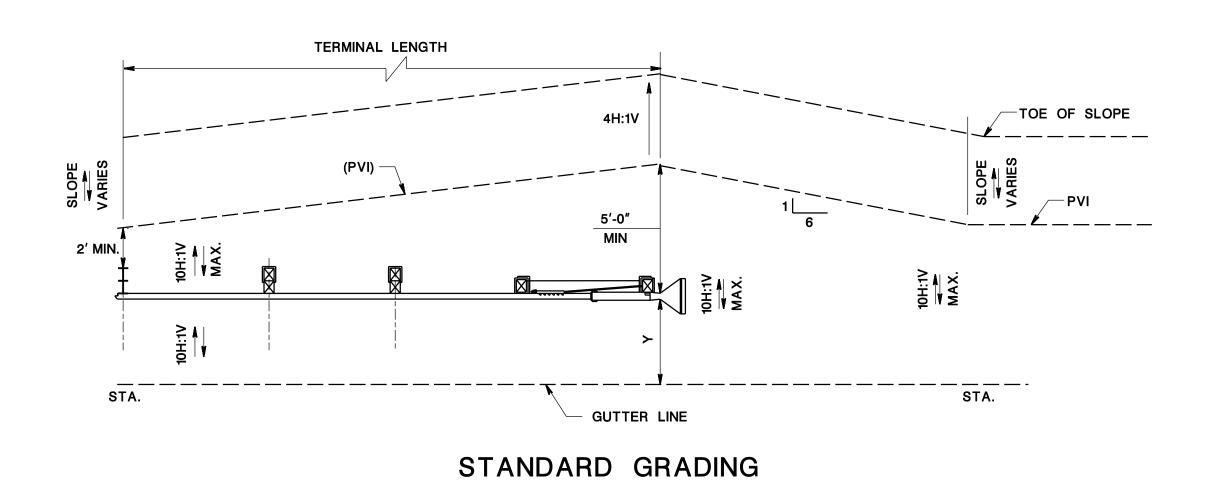


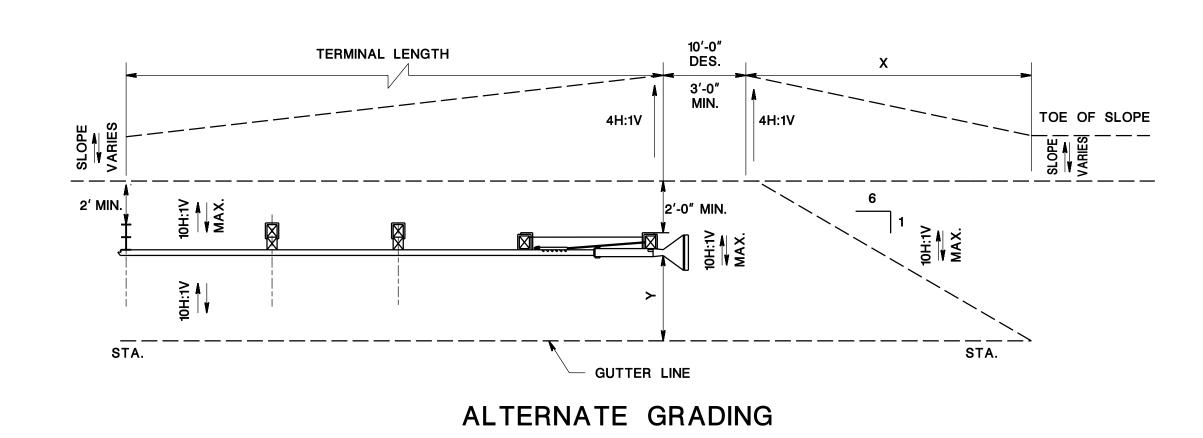
ROUTE U.S. 46 AT HOLLYWOOD AVENUE CONTRACT NO. 053950370

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CD-607-2.5

CD-607-2.1





GRADING	STANDARD/ALTERNATE		
STATION TO STATION			
ROUTE 46	STANDARD		
ROUTE 46 度 122+79 TO 123+20 LEFT	STANDARD		
CR 625 12 3+89 TO 4+49 LEFT	ALTERNATE		
CR 625 ₱ 4+84 TO 5+39 RIGHT	ALTERNATE		
CR 625 ₱ 14+14 TO 14+74 LEFT	ALTERNATE		
RAMP B & 23+65 TO 24+25 RIGHT	STANDARD		
RAMP C & 32+03 TO 32+81 RIGHT	STANDARD		

Y = OFFSET FROM GUTTER LINE	Х	X + 10' (DES.)
* 1′-0″	24'-0"	34'-0"
4'-0"	42'-0"	52'-0"
7'-0"	60'-0"	70'-0"
10'-0"	78'-0"	88′-0"

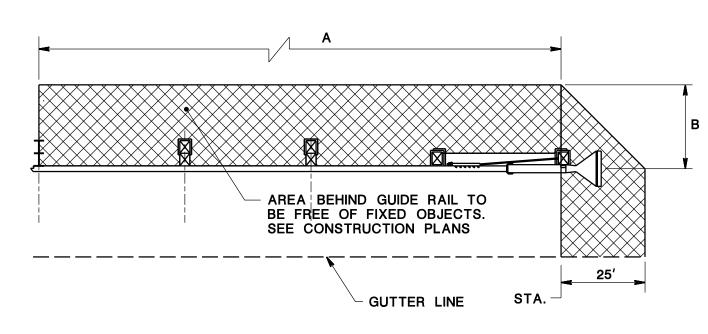
GRADING TREATMENT AT FLARED AND TANGENT TERMINALS

* NOTE:

WHERE GUIDE RAIL IS INSTALLED FLUSH WITH THE GUTTER LINE, THE TANGENT TERMINAL SHALL BE CONSTRUCTED WITH A 50:1 STRAIGHT FLARE FOR ITS ENTIRE LENGTH SO THAT THE EXTRUDER HEAD DOES NOT PROTRUDE INTO THE ROADWAY.

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ROADSIDE RECOVERY AREA					
STATION	A	В			
ROUTE 46 B 116+07 RIGHT	37.5′	6′			
ROUTE 46 & 123+16 LEFT	37.5′	8′			
CR 625 & 3+99 LEFT	50'	6′			
CR 625 & 4+87 RIGHT	50'	6′			
CR 625 & 14+64 LEFT	50'	6′			
RAMP B & 23+86 RIGHT	37.5′	6′			
RAMP C ₱ 32+43 RIGHT	37.5′	6′			



NOTE:

THERE SHALL BE NO FIXED OBJECTS IN FRONT OF THE GUIDE RAIL FOR ITS ENTIRE LENGTH.

RECOVERY AREA AT FLARED AND TANGENT TERMINALS

CD-609-9.1

GRADING AND ROADSIDE RECOVERY AREA AT FLARED AND TANGENT TERMINALS

N.T.S.

CD-609-9

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

ROUTE U.S. 46 AT HOLLYWOOD AVENUE

CONTRACT NO. 053950370

ARORA and ASSOCIATES, P.C.
PROFESSIONAL ASSOCIATION

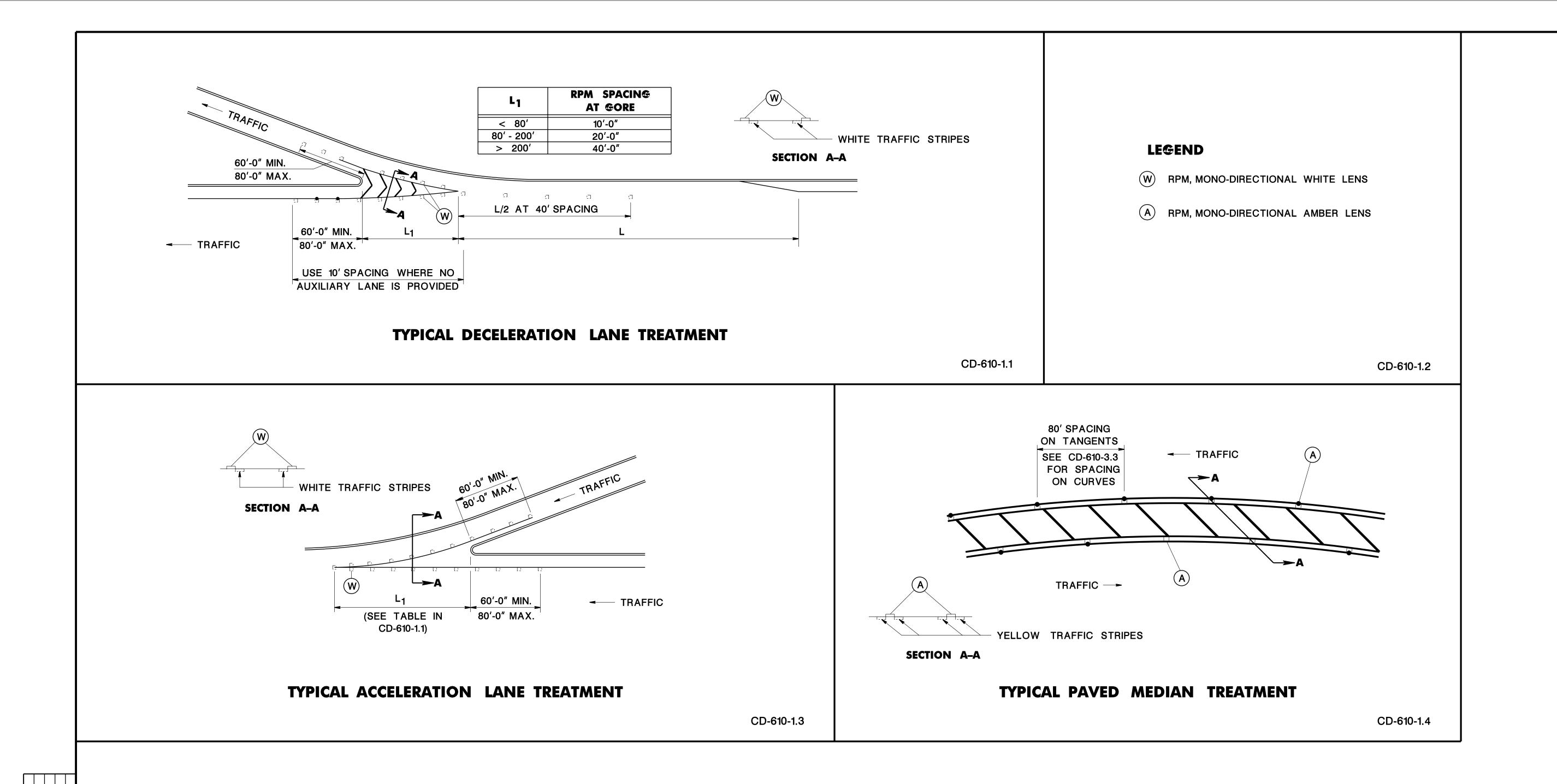
MICHAEL G. WRIGHT, P.E.

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24GE02963100

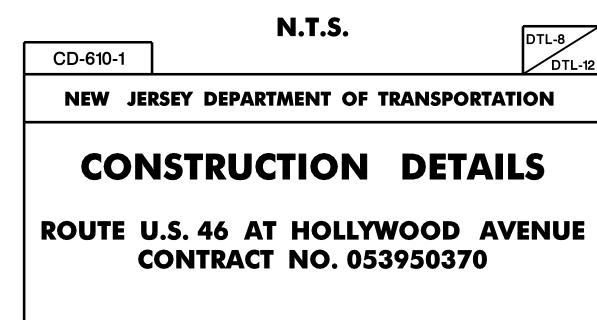
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CD-609-9.2

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RAISED PAVEMENT MARKER, (RPM) LOCATION

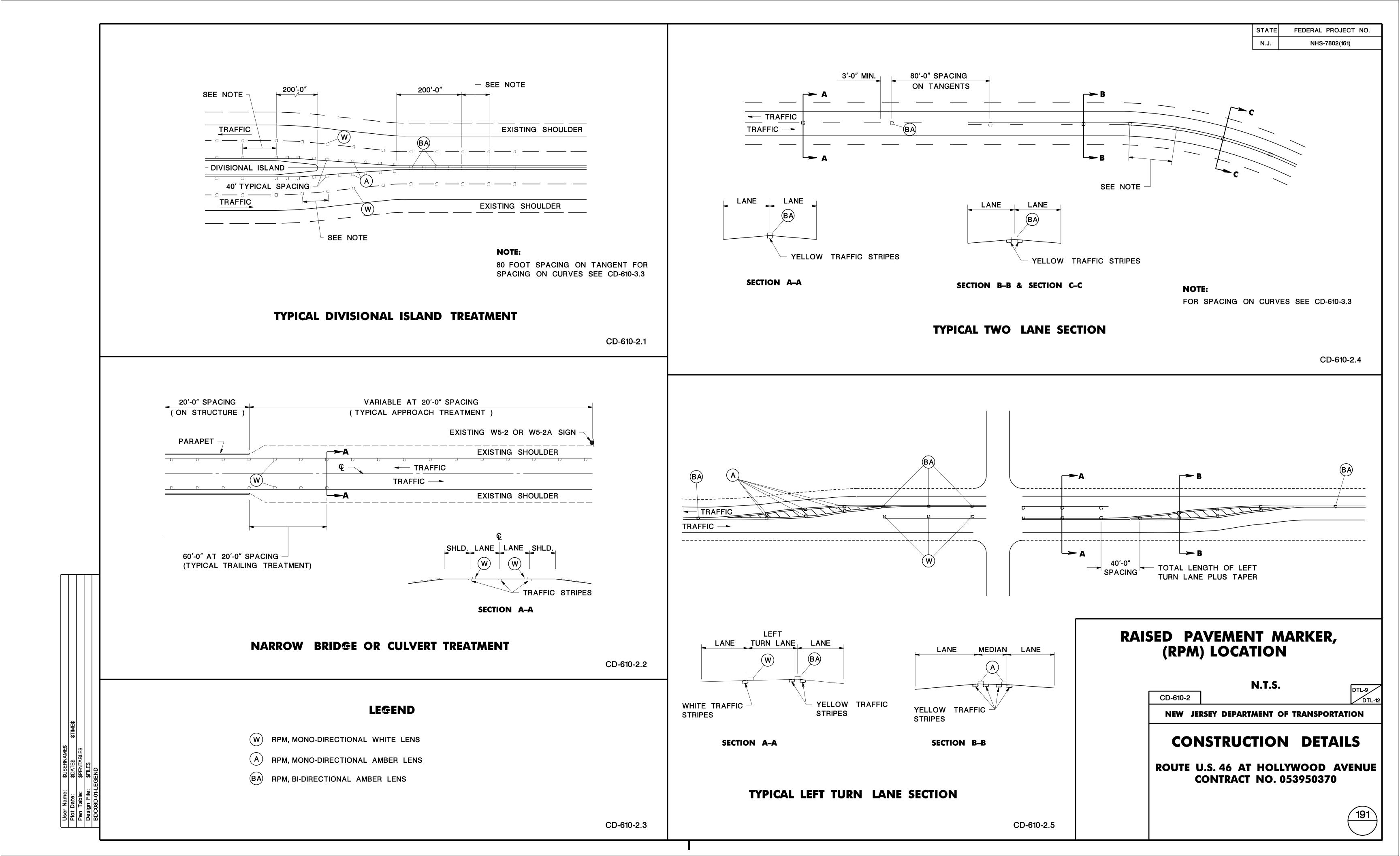


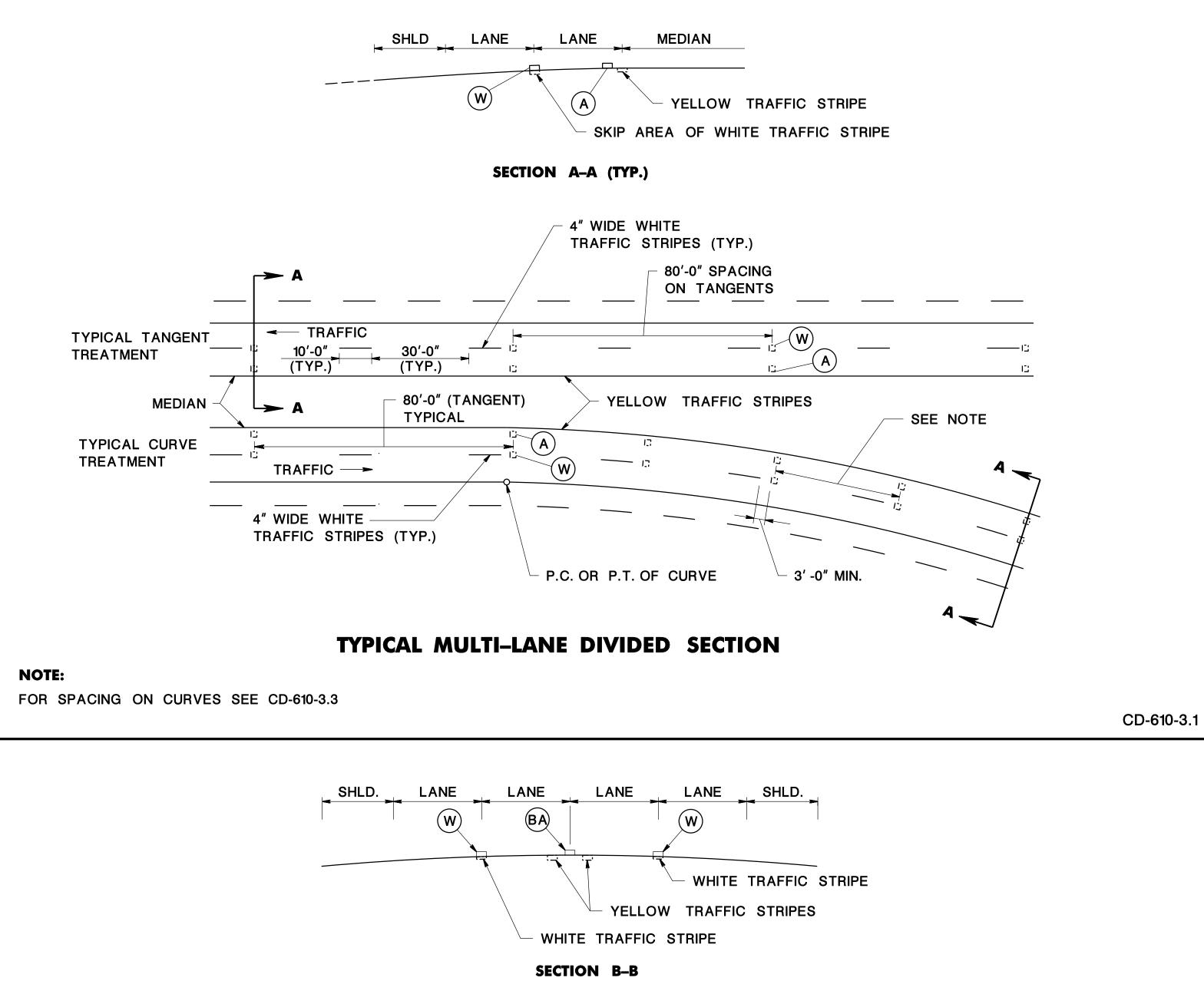
STATE

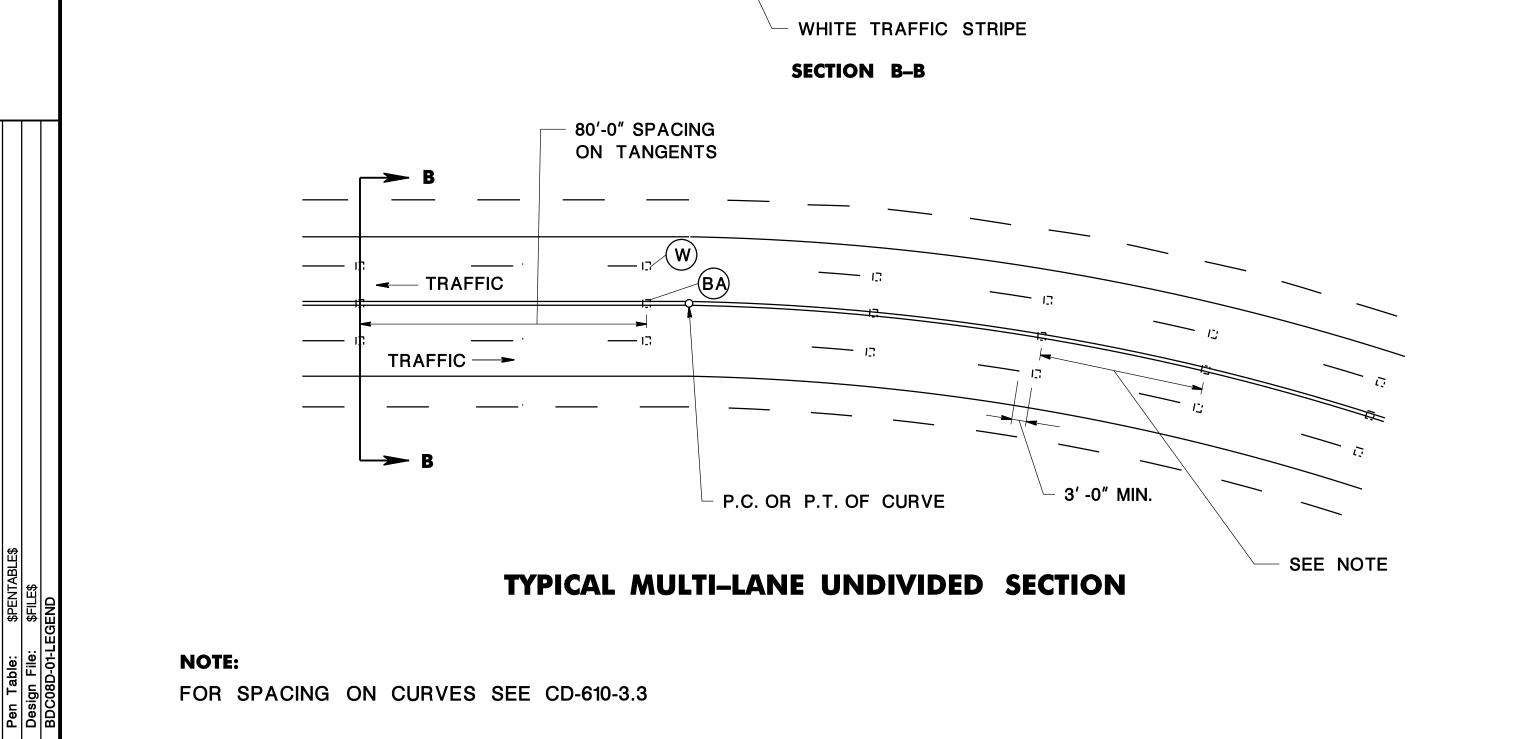
FEDERAL PROJECT NO.

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MIDDLE
ORDINATE (M)

CENTER OF PAINT LINE,
DASHED OR SOLID

CHORD LENGTH

- 1. USE 200 FOOT TAPE.
- 2. ESTABLISH 200 FOOT CHORD.
- 3. MEASURE MIDDLE ORDINATE PERPENDICULAR TO CHORD 100 FOOT FROM EITHER END.
- 4. DETERMINE SPACING FROM TABLE 1.
- . WHEN DIFFICULT TO DETERMINE MIDDLE ORDINATE, 80 FOOT OR 40 FOOT SPACING WILL BE AS DIRECTED BY THE DEPARTMENT.

TATE	FEDERAL PROJECT NO.	
N.J.	NHS-7802(161)	

TABLE 1

CHORD LENGTH	RADIUS		REFLECTOR SPACING	
200'-0"	M ≥ 2'-7"	R ≤ 1910′	40'-0"	
200'-0"	M < 2'-7"	R > 1910'	80'-0"	

- < LESS THAN
- < EQUAL TO OR LESS THAN</pre>
- > GREATER THAN
- > EQUAL TO OR GREATER THAN

METHOD FOR DETERMINING RPM SPACING ON HORIZONTAL CURVES

CD-610-3.3

LEGEND

- RPM, MONO-DIRECTIONAL WHITE LENS
- RPM, MONO-DIRECTIONAL AMBER LENS
- RPM, BI-DIRECTIONAL AMBER LENS

CD-610-3.4

RAISED PAVEMENT MARKER, (RPM) LOCATION

CD-610-3

N.T.S.

14.1.5.

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

ROUTE U.S. 46 AT HOLLYWOOD AVENUE CONTRACT NO. 053950370

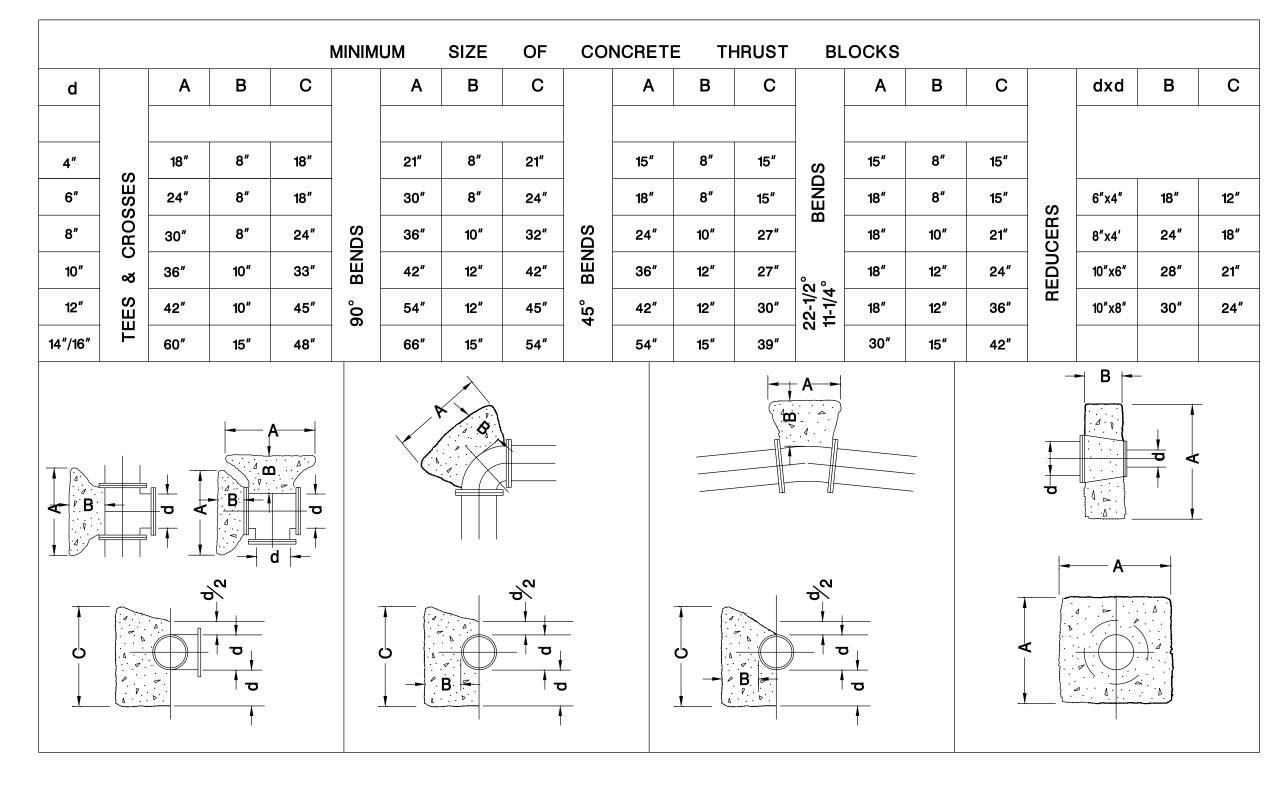
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DTL-10 DTL-12

CD-610-3.2

TATE FEDERAL PROJECT NO.

N.J. NHS-7802(161)

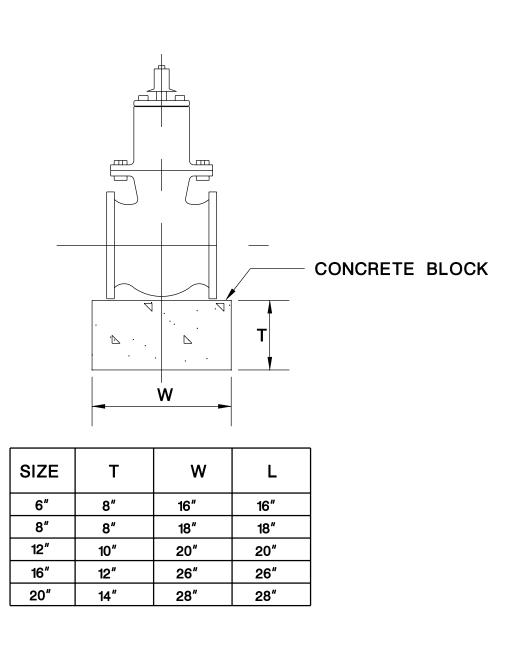


- 1. THRUST BLOCKS TO BE USED FOR WATER MAIN AND FORCE MAINS AT ALL BENDS, TEES, REDUCERS AND PLUGS.
- 2. BEARING AREAS FOR THRUST BLOCKS ARE BASED ON THE UNDISTURBED SOIL WITH BEARING CAPACITY OF 2000 PSF. PER SQ. FT. FOR OTHER SOILS OF LESS BEARING CAPACITY, THE AREAS SHALL BE ADJUSTED ACCORDINGLY, (FIG. 14, ASCE "PIPELINE DESIGN FOR WATER AND WASTEWATER, 1975").
- 3. ALL CONCRETE FOR THRUST BLOCKS SHALL BE 3000 PSI COMPRESSIVE STRENGTH WITHIN 28 DAYS.

APPLICABLE FOR UPWARD THRUST.

4. THE THRUST BLOCKS SHALL BE POURED FROM FITTING SUCH THAT THEY BEAR ON THE UNDISTURBED WALL OF THE TRENCH.
5. THE TABULATED CONTACT BEARING AREAS LISTED ARE FOR HORIZONTAL AND DOWNWARD THRUST ONLY AND ARE NOT

THRUST BLOCK DETAIL FOR SYSTEMS AT 150 PSI TEST PRESSURE OR LESS



VALVE SUPPORT

WORD "WATER" CAST IN IT.

WORD "WATER" CAST IN IT.

WALVE BOX

6" CLDIP

CLASS 52

CLA

CURB BOX

1" "K" COPPER
SERVICE LINE

WATER SERVICE DETAIL

STEAMER NOZZLE
FACING ROAD SIDE

1" GROUND KEY CURB

FINISHED GRADE

LID MUST BE VISIBLE & NOT MORE THAN

1" ABOVE GROUND

CONCRETE BLOCK

HYDRANT

3/4" CLEAN STONE (0.25C.M. MIN.) COVER WITH A POLYTHENE

CONCRETE BLOCK (12"x12"x6")

ON FIRM GROUND

ROADWAY

WATER MAIN

VALVE BOX LID WITH THE

8" WATER MAIN

SYMMETRICALLY PLACED

VALVE ANCHORING TEE

TIE RODS TO BE

CORPORATION STOP

PROVIDE GOOSENECK

FIRE HYDRANT ASSEMBLIES

GATE VALVE

6" RESILIENT SEAT

N.T.S.

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

ROUTE U.S. 46 AT HOLLYWOOD AVENUE CONTRACT NO. 053950370

ARORA and ASSOCIATES, P.C.

PROFESSIONAL ASSOCIATION

MICHAEL G. WRIGHT, P.E.

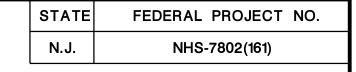
MICHAEL ©. WRIGHT, P.E.

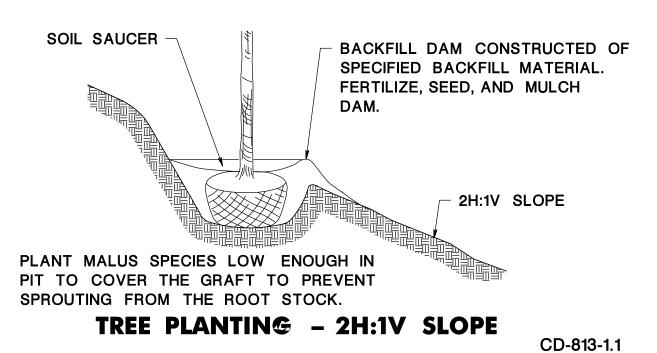
NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 24©E02963100

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DTL-11







TOP OF BALL

10% ABOVE GRADE

CONTAINERIZED PLANTING DETAIL CD-813-1.3 CUTS TO WIRE BASKET (SEE NOTES) BACKFILL -

1. CUT OUT BOTTOM LOOPS PRIOR TO SETTING

4. REMOVE REMAINDER OF WIRE BASKET.

2. SET PLANT AND BACKFILL HALFWAY UP THE BALL.

3. CUT REMAINING HORIZONTAL BAND DOWN ONE SIDE.

5. COMPLETE BACKFILLING AND PROVIDE INITIAL WATERING.

WIRE BASKET REMOVAL

PLANT IN PLANTING PIT.

TAMP AND WATER BACKFILL.

IMMEDIATELY PRIOR TO PLANTING,

AND $\frac{1}{2}$ " DEEP INTO ROOT MASS.

MAKE 3 VERTICAL CUTS EQUIDISTANT

NOTCHED 4" FROM THE TOP. WIRE - 2 STRANDS OF 14 GAUGE STEEL WIRE, TWISTED. - 8" MAX. TREES REQUIRING THREE GUYS & STAKES POSTS WILL BE CUT OFF AT THE SAME HEIGHT. --HEIGHT OF POST TO-BE TWO-THIRDS OF THE HEIGHT OF TREE.

DECIDUOUS TREES OVER 21/2" TO 4" CALIPER, CONE TYPE (PYRAMIDAL)

STAKES - 2"x 4" LUMBER OR

WHITE CEDAR, 2½" DIAMETER AT THINNER (LOWER) END,

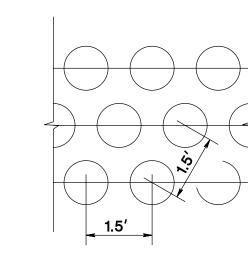
TREES OVER 7 FEET HIGH.

TREES REQUIRING TWO STAKES

DECIDUOUS TREES OVER 11/2" TO 21/2" CALIPER, INCLUSIVE. ALL SALIX REGARDLESS OF HEIGHT, CALIPER, BARE ROOT OR BALLED AND BURLAPPED. CONE TYPE (PYRAMIDAL) TREES 5 FEET TO 7 FEET HIGH AND COLUMNAR EVERGREEN TREES 7 FEET TO 9 FEET HIGH, INCLUSIVE.

STAKING DETAILS

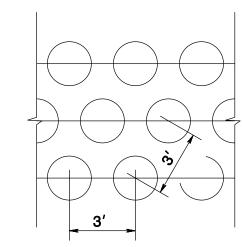
CD-813-1.5



RUDBECKIA MAXIMA AND HEMEROCALLIS PLANTING DETAIL

PLANTING

N.T.S.



JUNIPERUS CONFERTA PLANTING DETAIL

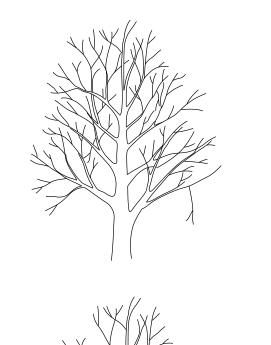
PLANTING

CD-813-2.3

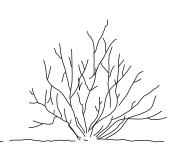
KEEP WOOD BACKFILL WITH MULCHING 1"-2" AWAY 4" SOIL BERM AROUND FROM TRUNK PLANTING PIT CUT BURLAP AND ROPE AWAY FROM UPPER \angle DEPTH = 2 TIMES (MIN.) DIAM. HALF OF ROOT BALL DEPTH OF OF ROOT BALL ROOT BALL B & B MATERIAL

TREE & SHRUB PLANTING DETAIL

CD-813-1.2

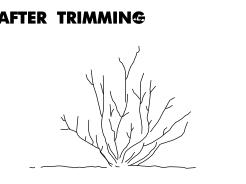


BEFORE TRIMMING



CD-813-1.4

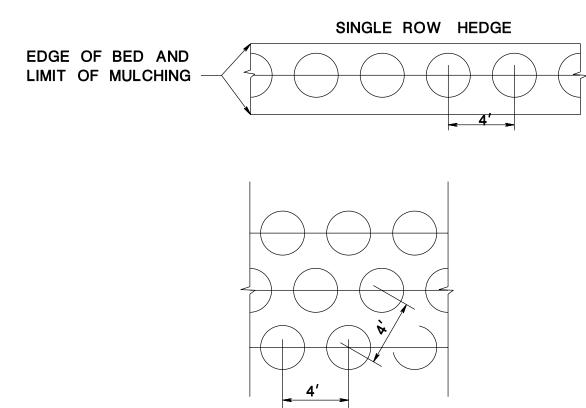




DAMAGED BRANCHES SHALL BE TRIMMED OFF BELOW THE POINT OF INJURY. THE CENTRAL TRUNK OR "LEADER" SHOULD BE LEFT INTACT. BROKEN ROOTS SHALL BE CUT OFF ABOVE THE BREAK AND BRUISED ENDS CUT OFF CLEANLY.

WHEN PLANTING A YOUNG SHRUB, PRUNE JUST ABOVE A BUD AND RETAIN THE NATURAL SHAPE OF THE SHRUB.

PRUNING AT TIME OF PLANTING



CORNUS SERICEA, VIBURNUM DENTATUM, **JUNIPERUS CHINENSIS, AND** THUJA OCCIDENTALIS 'SMARAGD' PLANTING DETAIL

> **PLANTING** N.T.S.

> > CD-813-2.3

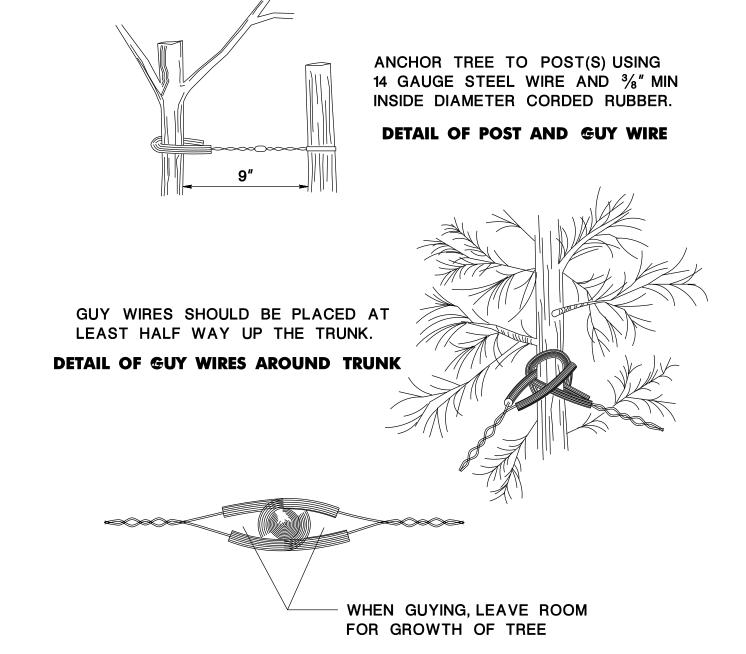
PANICUM VIRGATUM AND MISCANTHUS SINENSIS PLANTING DETAIL **PLANTING**

N.T.S.

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

ROUTE U.S. 46 AT HOLLYWOOD AVENUE CONTRACT NO. 053950370



FASTENING DETAIL

CD-813-1.7

CD-813-1.8