| F.A., Route 74 (1-74) |  |
| :---: | :---: |
|  |  |
| ADT: 15,300 (2017) | * |
| DESIGN SPEED: 70 MPH | su $=4.58 \mathrm{x}$ |
| ED: |  |

sccios $113.24,25$
SEcnow $11.24,25,3$
OxFban
TowMSHP
section 1, 12, 13, 2

full ste plans have been paepaned using standahd
Ful sie plans have been paepaned using standaho
Enginering scales. reduced size plans will not CONFORM TO STANDARD SEALES. IN MARING MEASUAEMENTS
ON reduced plans, the above stales may be used.
ju.ulite
${ }^{1} 1=300-892-0123$
OR 11

## PROJECT ENGINEER: FAITH DUNCAN

 PROJECT MANAGER: ROBERT BARTON (815) 284-5958
## PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 74 (I-74)

SECTION (37-3,4) RS-2
PROJECT NHPP-GTK9 (228)
RESURFACING (3R)
HENRY COUNTY



PAVING GAP $\left(1,805^{\prime}\right)$
STA. 1414+29- STA. 1432+34 (EB) STA. $1414+29-$ STA. $1432+34$ (EB)
STA. $1414+17-$ STA. $1432+50$ (WB)寝
完


C-92-043-16
R. 1E. R.2E. IION/PROJECT BEGINS


PAVING GAP (1,886')
STA. 1361+60-STA. 1380 46 (EB) STA. 1361+65 - STA. 1380+41 (WB)

 $+\stackrel{+}{i}$

STATION EQUATION BACK $1657+81.56$ (WB) AHEAD 1658+06.50 (WB)


SECTION/PROJECT ENDS
R. 1E. R. 2 E .

PAVING GAP $(1,839$ )
STA $1622+10-$ STA. $1640+49$ (EB) STA. $1622+10-$ STA. $1640+49$ (EB)
STA. $1621+90-$ STA. $1640+76$ (WB)
CROSS LENOTH $=30,699$ T. $=7.33$ MLES


IMPROVEMENT ENDS STA. 1699+63

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## STANDARDS

Standard symbols, abbreviations, and patterns
AREA of REINFORCEMENT BARS
DECIMAL OF AN INCH AND OF A FOOT
Emporary erosion control systems
pavement joints
24' JOINTED PCC PAVEMENT
' JOINTED PCC PAVEMENT
Pavement welded wire reinforcement
erpendicular curb ramps for sidewalks
MID-BLOCK CURB RAMPS FOR SIDEWALKS
CLASS A PATCHES
CLASS C AND D PATCHES
precast reinforced concrete flared end section
NLET BOX TYPE 24 F
Concrete headwall for pipe underdrains
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER TYPE B GUTTER (INLET, OUTLET \& ENTRANCE)
Steel plate beam guardrall
SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
Fic barpier terminal. type 2
fric barrier terminal type
Raffic barrier terminal, type 10
delineators
shoulder rumble strips, 16IN
OfF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE OFF-RD operations, multilane, more than 15' away
Approach to Lane closure, freeway/EXPRESSWAy
-ANE CLOSURE, FREEWAY/EXPRESSWAY
LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
Ane closure, multilane, at enterance or exit ramp, for speeds $\geq 45 \mathrm{MPH}$
LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH CROSSOVER AND BARRIER
Ane closure, multilane, intermittent or moving oper., for speeds $\geq 45$ MPh
RAMP CLOSURE FREEWAY /EXPRESSWAY
TRAFFIC CONTROL DEVICES
TEMPORARY CONCRETE BARRIER
sign panel mounting details
METAL POSTS FOR SIGNS, MARKERS \& DELINEATORS
object and terminal markers
telescoping steel sign support
APPLICATIONS OF TYPES A \& B METAL POSTS (FOR SIGNS \& MARKERS) TYPICAL PAVEMENT MARKINGS
TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
temporary roadway ughting


* SPECIALTY ITEMS
\# NON-PARTICIPATING (100\% STATE)


* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)


* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)


|  | PAY ITEM | UNIT | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CODE NUMBER |  |  |  | 0005 ROADYWAY <br> NHPP 90\% FED $10 \%$ STATE |  |
| 44200529 | CLASS A PATCHES, TYPE II, 8 INCH | SQ YD | 627 | 627 |  |
| 44200533 | CLASS A PATCHES, TYPE III, 8 INCH | SQ YD | 344 | 344 |  |
| 44200535 | CLASS A PATCHES, TYPE IV, 8 INCH | SQ YD | 334 | 334 |  |
| 44200553 | CLASS A PATCHES, TYPE II, 10 INCH | SQ YD | 22 | 22 |  |
| 44200557 | CLASS A PATCHES, TYPE III, 10 INCH | SQ YD | 35 | 35 |  |
| 44200610 | CLASS A PATCHES, TYPE II, 13 INCH | SQ YD | 43 | 43 |  |
| 44200612 | CLASS A PATCHES, TYPE III, 13 INCH | SQ YD | 72 | 72 |  |
| 44200614 | CLASS A PATCHES, TYPE IV, 13 INCH | SQ YD | 67 | 67 |  |
| 44200934 | CLASS B PATCHES, TYPE II, 8 INCH | SQ YD | 11 | 11 |  |
| 44200942 | CLASS B PATCHES, TYPE III, 8 INCH | SQ YD | 134 | 134 |  |
| 44200944 | CLASS B PATCHES, TYPE IV, 8 INCH | SQ YD | 1,826 | 1,826 |  |
| 44201298 | DOWEL BARS 1 1/4" | EACH | 754 | 754 |  |
| 44201725 | CLASS D PATCHES, TYPE I, 7 INCH | SQ YD | 89 | 89 |  |
| 44201729 | CLASS D PATCHES, TYPE II, 7 INCH | SQ YD | 281 | 281 |  |

* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)

|  | PAY ITEM | UNIT | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CODE NUMBER |  |  |  | 0005 ROADYWAY <br> NHPP 90\% FED 10\% STATE |  |
| 44201733 | CLASS D PATCHES, TYPE III, 7 INCH | SQ YD | 125 | 125 |  |
| 44201735 | CLASS D PATCHES, TYPE IV, 7 INCH | SQ YD | 93 | 93 |  |
| 44201785 | CLASS D PATCHES, TYPE I, 12 INCH | SQ YD | 8 | 8 |  |
| 44201789 | CLASS D PATCHES, TYPE II, 12 INCH | SQ YD | 59 | 59 |  |
| 44201794 | CLASS D PATCHES, TYPE III, 12 INCH | SQ YD | 81 | 81 |  |
| 44201796 | CLASS D PATCHES, TYPE IV, 12 INCH | SQ YD | 28 | 28 |  |
| 44213000 | PATCHING REINFORCEMENT | SQ YD | 1,542 | 1,542 |  |
| 44213200 | SAW CUTS | FOOT | 9,312 | 9,312 |  |
| 44213204 | TIE BARS 3/4" | EACH | 499 | 499 |  |
| 48100100 | AGGREGATE SHOULDERS, TYPE A | TON | 7,000 | 7,000 |  |
| 48203009 | HOT-MIX ASPHALT SHOULDERS, 3 " | SQ YD | 103,067 | 103,067 |  |
| 48203021 | HOT-MIX ASPHALT SHOULDERS, 6" | SQ YD | 10,839 | 10,839 |  |
| 48203029 | HOT-MIX ASPHALT SHOULDERS, 8" | SQ YD | 845 | 845 |  |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 104 | 104 |  |

* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)


* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)

| Revise |
| :--- |
| REVSSED |



* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)



|  | PAY ITEM | UNIT | TOTAL QUANTITIES | CONSTRUCTION TYPE CODE |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CODE NUMBER |  |  |  | 0005 <br> ROADYWAY <br> NHPP <br> 90\% FED <br> $10 \%$ STATE |  |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 18,071 | 18,071 |  |
| 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL | SQ FT | 6,024 | 6,024 |  |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 348,464 | 348,464 |  |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 654 | 654 |  |
| 70300250 | TEMPORARY PAVEMENT MARKING - LINE 8" | FOOT | 1,900 | 1,900 |  |
| 70300260 | TEMPOARY PAVEMENT MARKING - LINE 12" | FOOT | 133 | 133 |  |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 44,875.0 | 44,875.0 |  |
| 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER | FOOT | 38,412.5 | 38,412.5 |  |
| * 70500100 | TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A | FOOT | 2,050 | 2,050 |  |
| * 70500665 | TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6 | EACH | 5 | 5 |  |
| * 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 2 | 2 |  |
| * 72400100 | REMOVE SIGN PANEL ASSEMBLY - TYPE A | EACH | 1 | 1 |  |
| * 72501000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 25 |  | 25 |
| 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 12 | 12 |  |

* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)


* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)

* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)


* SPECIALTY ITEMS
\# NON-PARTICIPATING ( $100 \%$ STATE)
$\varnothing 0042$


## GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or Anitiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 2A shall be used. Class 2A shall be used on front slopes and ditch bottoms. The Contractor shall verify that permanent seeding has been established before the project is finalized.
Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted

All "Aggregate Subgrade Improvement" (Section 303), shall be completed in accordance with Articles 311.04, 311.05, $311.05(\mathrm{a}), 311.06$ and 311.07 . All aggregate subgrade thicknesses equal to or less than 12 inches shall be constructed of aggregate of CA02 gradation. All aggregate subgrade thicknesses greater than 12 inches shall be constructed of CSO2.

The Contractor will be required to furnish $51 / 2^{\prime \prime}$ high brass stencils as approved by the Engineer and install stationing at 250 ' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6 " inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.
When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced
All mandatory joint sealing for Class A and Class B patches as shown on the plans will not be measured for payment. Optional sawing of the joint for the sealant reservoir will not be measured for payment.

For all concrete patching that will not be resurfaced, the concrete shall be struck off flush with the existing pavement surface at each end of the patch.

The Engineer reserves the right to check all patches for smoothness by the use of a 10' rolling straight edge set to a $3 / 16^{\prime \prime}$ tolerance in the wheel paths. Any patch areas higher than $3 / 16^{\prime \prime}$ must be ground smooth with an approved grinding device consisting of multiple saws. The use of bushhammer or other impact devices will not be permitted. Any patch with depressions greater than $3 / 16$ " shall be repaired in a manner approved by the Engineer.
The mandatory saw cuts for pavement patching are:
Class A Patch: Cut two transverse saw cuts at each end of the patch; one full depth and one partial depth. The longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

Class B Patch: Cut two transverse saw cuts outlining the patch and one transverse pressure relief saw cut. Th longitudinal edges of the patch shall be cut full depth. When the patch is adjacent to a pcc shoulder, two saw cuts along the shoulder will be required.

The mandatory saw cuts will be paid for at the contract unit price per Foot for SAW CUTS

The following Mixture Requirements are applicable for this project:

| Location(s): | Resurfacing |  |
| :--- | :---: | :---: |
| Mixture Use(s): | Surface | Leveling Binder |
| PG: | SBS PG 70-22 | SBS PG 70-22 |
| Design Air Voids: | $4.0 @$ N90 | $4.0 @$ N90 |
| Mixture Composition | IL 9.5 | IL 9.5 FG |
| (Mixture Gradation): | D | N/A |
| Friction Aggregate: | $112 \mathrm{lb} /$ sy/in | $112 \mathrm{lb} /$ sy/in |
| Mixture Weight: | PFP | PFP |
| Quality Management Program: | 1000 | 1000 |
| Sublot Size: |  |  |
| Number of Roller Passes1): |  |  |


| Location(s): | Shoulders |  |
| :---: | :---: | :---: |
| Mixture Use(s): | Top lift | All lower lifts |
| PG: | PG 64-22 | PG 64-22 |
| Design Air Voids: | 4.0 @ N50 | 4.0 @ N50 |
| Mixture Composition (Mixture Gradation): | IL 9.5 | IL 19.0 |
| Friction Aggregate: | C | N/A |
| Mixture Weight: | $112 \mathrm{lb} / \mathrm{sy} / \mathrm{in}$ | $112 \mathrm{lb} / \mathrm{sy} / \mathrm{in}$ |
| Quality Management Program: | QCP | QCP |
| Sublot Size: | 1000 | 1000 |
| Number of Roller Passes ${ }^{11}$ : |  |  |


| Location(s): | U-Turn and Rest Area Overlay |  |
| :--- | :---: | :---: |
| Mixture Use(s): | Surface | Leveling Binder |
| PG: | PG 64-22 | PG 64-22 |
| Design Air Voids: | 4.0 @ N50 | $4.0 @$ N50 |
| Mixture Composition | IL 9.5 | IL 9.5 FG |
| (Mixture Gradation): | C | N/A |
| Friction Aggregate: | $112 \mathrm{lb} /$ sy/in | $112 \mathrm{lb} /$ /sy/in |
| Mixture Weight: | QC/QA | QC/QA |
| Quality Management Program: |  |  |
| Sublot Size: |  |  |
| Number of Roller Passes 1 1: |  |  |


|  | Temporary Crossover |  |
| :--- | :---: | :---: |
| Location(s): | Surface | Binder |
| Mixture Use(s): | PG 64-22 | PG 64-22 |
| PG: | 4.0 @ N70 | $4.0 @$ N70 |
| Design Air Voids: | IL 9.5 | IL 19.0 |
| Mixture Composition |  |  |
| (Mixture Gradation): | D | N/A |
| Friction Aggregate: | 112 lb/sy/in | $112 \mathrm{lb} /$ sy/in |
| Mixture Weight: | QC/QA | QC/QA |
| Quality Management Program: |  |  |
| Sublot Size: |  |  |
| Number of Roller Passes |  |  |

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production but no more than five days in advance of the placement of the HMA, unless approved by the Engineer.

## GENERAL NOTES

Install rumble strips in all shoulders in accordance with State Standard 642001 Rumble Strips shall be placed on shoulders on both sides of the pavement

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for Earth Excavation.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Stee Plate Beam Guardrail Terminal Type 1 Special (Tangent) or Steel Plate Beam Guardrail Terminal Type I Special (Flared).
One 16d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type I Specials
Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated $180^{\circ}$ and only metalbacked delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.
Tree planting layout shall be performed by the District Roadside Management Specialist. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree. Excess trees that cannot be planted Roadside Management Specialist.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of

Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.
PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1 mile or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 8 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2, or another option would be to install a vaulted style, monumented as described by NGS as a 3D monument (Top Security Sleeve Rod Monument), with installation instructions provided by the District Chief of Surveys. If poured in place, the bottom of the marker shall be $5^{\prime}-0$ " below the ground surface

The Permanent Survey Markers, if possible, shall be installed at the beginning of the job and protected throughout.
The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal coordinates must be derived by GPS and the elevation derived using an electronic level. The meta data, such as the Geoid used, (NGS adjustment ie: 97 HARN, 03, 07), and the base point(s) name or number shall be submitted along with a complete collection log. If collected using RTK method, it will require either 3 collections (averaged) from 2 different bases, or a minimum of 3 collections (averaged), at least 2 hours apart, from the same base HARN monuments both before and after collection. The level circuit shall be run from furnished mark to furnished mark and then adjusted. The error of closure shall be submitted with the electronic level notes in a recognized format
approved by the Engineer and/or the Chief of Surveys. The Engineer shall submit this information to the District Chief of Surveys

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed adjacent to the project construction limits are members of JULIE:

$$
\begin{aligned}
& \text { AT\&T (309) 793-4456 }
\end{aligned}
$$

ANR Pipeline Company (708) 342-4726
Woodhull Telephone Company (309) 334-2150
MidAmerican Energy (309) 793-3707
Paetec (630) 925-4751
Village of Woodhull (309) 334-2600
Ameren IP (815) 224-6270
Frontier/Citizens (815) 493-1101
Lightcore (636) 887-4755
MidAmerican Energy (309) 793-3833
Mediacom (309) 743-4750

DOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

CADD data will be available to Contractors and Consultants working on this project, once the project has been awarded This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files
ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files
Relocate Temporary Impact Attenuators shall include storage and transportation to and from storage, when the device is not needed for a time, as shown on the staging plans. This shall be included in the contract unit price per Each for is not needed for a time, as shown on the staging plans. This
IMPACT ATTENUATORS, RELOCATE of the type specified.

When Relocate Temporary Concrete Barrier is specified, the wall shall be removed, storage and transportation to and from storage, when the wall is not needed for a time as shown on the staging plans, relocated and reinstated at the new
location. The reinstallation requirements shall be the same as those for a new installation. This shall be paid for at the contract unit price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

The barrier unit at each end shall be anchored as specified in Article 704.04. All anchoring and pinning holes shall be core drilled.
Excess trees that cannot be planted along the I-74 project limits shall be planted at alternative locations in Henry County as determined by the District Roadside Management Specialist.

During grinding operations, concrete patches will be encountered. The grinding of the concrete shall not be paid for separately, but shall be included in the cost of HMA SURFACE REMOVAL of the thickness specified.

Aggregate shoulders, 8 " shall be placed on top of existing aggregate shoulders; no exception is required. No additional payment shall be made for variances in the existing aggregate shoulder drop-off thickness
$I-74$ shall be milled to bare concrete. Core reports show an average overlay thickness of $4.8^{\prime \prime}$. No additional payment shall be made for variances in the existing HMA surface thickness. This work shall be paid for at the contract unit price per Square Yard for HOT MIX ASPHALT SURFACE COURSE REMOVAL 5"

Stone Riprap, Class 3A does not require the installation of filter fabric. Stone Riprap, Class 3 A is to cover all areas of existing riprap and shall be placed on top of the existing stone.


## GENERAL NOTES

Closed expansion joints on jointed pavements shall be re-established during the patching operations. Class B Patches when the pavement requires patching at the location of the expansion joint, a new joint should be established using a dowelled expansion patch as shown on Highway Standard 442101. When the joint is closed, but does not require patching, an expansion joint may be formed by sawing the pavement and filling the saw cut with a preformed expansion joint filler meeting the requirements of Section 1051 of the Standard Specifications as shown on Standard 420001.

Material transfer device must be emptied to cross the following structures:
Structure Number:
037-0013
037-0016
037-0166

## 037-0014 037-0017

 037-1163
## 037-0015 <br> 037-0018

037-1165
COMMITMENTS
All crossovers shall be fully closed after completing the project. No gaps in the chaining will be permitted.

## I-74 WB(NB)

STA. $1285+65+$ STA. $1361+65$
STA. $138+41-$ STA. $1414+17$
STA. $1380+41-$ STA. $1314+17$
STA. $1432+50-$ TTA. $1513+62$
STA. $1619+26$ - STA. $1621+90$
STA. $1640+76$ - STA. $1672+56$

PAVING GAP

| STA. $1361+65-$ STA. $1380+41$ |
| :--- |
| STA | STA. $1414+17-$ STA. $1343+50$

STA. $1621+90-$ STA. $1640+76$



* MATCH EXISTING CROSS SLOP
** MAINTAIN EXISTING FORESLOP


## 1-74 WB(NB)

STA $1361+65-$ STA $1370+36$
STA 1371+78- STA $1380+41$
STA $1371+78-$ STA $1380+41$
STA $1414+17-$ STA $1422+71$
STA $1423+89-$ STA $1432+50$
STA $1621+90-$ STA $1630+59$
STA $1631+94$ - STA $1640+76$


BRIDGE
WB (NORTH BOUND)

STA $1370+36$ - STA $1371+78$
STA 1422+71- STA $1423+89$ STA $1422+71-$ STA $1423+89$
STA $1630+59$ - STA $1631+94$

## I-74 WB(NB)



## I-74 WB(NB)

## STA. $1540+55$ - STA $1550+05$



112 \# IN/SO YD
$*$ MATCH EXISTNG

* MATCH EXISTING CROSS SLOPE (MINIMUM ฟ/s"FT)
** MAINTAIN EXISTING FORESLOPE


* MATCH ExisTING CROSS SLope (MINIMUM / /s"FT)
** MAINTAIN EXISTING FORESLOPE
$\square$


## I-74 WB(NB)

## STA. $1568+43$ - STA. $1572+10$


${ }^{112 \# \text { IN/SO YD }}$

* MATCH EXISTING CROSS SLOPE (MINIMUM 門"IFT)
** MAINTAIN EXISTING FORESLOOE

$112 \#$ \#IN/SO YD
$*$ MATCH EXISTNG



## -74 EB(SB)

STA. $1285+65-$ STA. $1361+6$
STA
 STA. $148+84-$ STA. $1497+10$
STA. $1509+55-$ STA $1622+10$ STA. $1509+55-$ STA. $1622+10$
STA. $1640+49-$ STA. $1672+56$

PAVING GAP
STA. $1361+60-$ STA. $1380+46$ STA. $1414+29-$ STA. $1432+34$
STA. $1622+10-$ STA. $1640+49$



* MATCH Existing cross slope (minimum /z'/fT)
** MAINTAIN EXISTING FORESLOPE
$\square$


## 1-74 EB(SB)

STA $1361+60-$ STA $1370+36$
STA $1371+78$ STA $1380+46$
STA $1371+78$ - STA $1380+46$
STA $1414+29-$ STA $1422+71$
STA $1423+89-$ STA $1432+34$
STA $1622+10-$ STA $1630+66$
STA $1632+05-$ STA $1640+49$


BRIDGES EB (SOUTH BOUND
STA $1370+36$ - STA $1371+78$
STA $1422+71-$ STA $1423+89$
STA $1630+66$ - STA $1632+05$
$112 \#$ IIN/SO YD
$*$

* MATCH EXISTING CROSS SLope (MINIMUM $\gamma^{\prime \prime} /$ /FT)



## 1-74 EB(SB)

STA. $1477+27$ - STA. $1480+84$

removal

112 \#IIN/SO YD
$*$
$*$

* MATCH ExIITTING Cross slope (MIIIMUM ソ/s"FT)
** MAINTAIN EXISTING ForesLope
$\square$


## 1-74 EB(SB)

STA. $1497+10-$ STA. $1500+05$


112 \#IIN/SO YD
$*$
$*$

* MATCH ExIITING CROSS SLOPE (MIIIMUM ソ/s"FT)
** MAINTAIN EXISTING FORESLOPE


## 1-74 EB(SB)

STA. $1500+05$ - STA. $1509+55$


112 \#nIN/SO YD
$*$ MATCH
EXISTING

* MATCH ExIITING CROSS SLOPE (MIIIMUM ソ/s"FT)
** MAINTAIN EXISTING FORESLOPE


WB(NB) TAPER DETAIL
STA. $10+78-$ STA. $11+03$
STA. $20+55$ - STA. $20+80$


NOTE:
A) HMA SURFACE REMOVAL. ${ }^{31 / 4}$. FROM STA. $6+68$ TO STA. $9+37.5$
and STA. $22+20.5$ TO STA. $22+84$
and STA. $22+20.5$ TO STA. $22+84$
HMA SURFACE REMOVAL VARIABLE DEPTH FROM STA. $9+37.5$ TO STA. $11+03$ and STA. $20+55$ TO STA. $22+20$.

## EB(SB) REST AREA

STA. $6+83-$ STA. $12+11$
STA. $21+61-$ STA. $23+99$


## EB(SB) TAPER DETAIL

STA. $11+86-$ STA. $12+11$
STA. $21+61-$ STA. $21+86$


## EB(SB) TAPER DETAIL

STA. $6+83$ - STA. $7+70.5$
STA. $23+11-$ STA. $23+99$

NOTES:
A) hma surface removal, variable depth

FROM STA. $6+83$ TO STA. $7+53.5$ FROM STA. $10+98$ TO STA. $12+11$ FROM STA. $21+61$ TO STA. $22+74$
FRRM STA
FROM STA. $23+28.5$ TP STA. $23+99$ hMA SURFACE REMOVAL, $3^{1 ⁄ 2}$ FROM STA. $7+53.5$ TO STA. $10+98$

## AUTO PARKING

STA. $11+03$ - STA. $15+31$ (WB)
STA. $12+11$ - STA. $16+33$ (EB)


## TRUCK AND RV PARKING

STA. $15+31$ - STA. $20+55$ (WB)
STA. $16+33$ - STA. $21+61$ (EB)


Removal
112\#/IN/SO YD

* MATCH EXISTING CROSS SLOPE (MINIMUM $1 / 81 / \mathrm{FT}$ )
** MAINTAIN EXISTING FORESLOPE

NOTES:
A) EARTH EXCAVATION FROM EB STA. $14+37$ TO STA. $19+04$

## DUMP STATION

STA. $117+30-$ STA. $19+72$ (WB)
STA. $18+15.06$ - STA. $19+23$ (EB)


DUMP STATION
STA. $19+72$ - STA. $20+55$ (WB)
STA. $19+23$ - STA. $21+61$ (EB)


112\#/IN/SQ YD

* MATCH EXISTING CROSS SLOPE (MINIMUM $1 / 8^{\prime \prime} / F T$ )
* MATCH EXISTING CROSS SLOPE
** MAINTAIN EXISTING FORESLOPE
A) Proposed combination concrete curb and


| UNIT | LOCATION | OFFSET (FT) | REMARKS |
| :---: | :---: | :---: | :---: |
| EB (SB) |  |  |  |
| 10.00 | Sta. 1616+53.62 | 48.67 RT | Inside Shoulder |
| 13.00 | Sta. 1616+85.10 | 38.66 RT | Inside Shoulder |
| WB (NB) |  |  |  |
| 6.00 | Sta. 1406+84.91 | 90.38 RT | Outside Shoulder |
| 6.00 | Sta. 1614+09.46 | 45.37 LT | Inside Shoulder |
| 14.00 | Sta. $1633+13.17$ | 42.45 LT | Inside Shoulder |
| 12.00 | Sta. $1633+13.52$ | 45.78 LT | Inside Shoulder |
| 7.00 | Sta. $1642+21.35$ | 53.25 RT | Outside Shoulder |

28000305 IEMPORARY DITCH CHECKS

| EOOT | LOCATION |
| :---: | :---: |
| WB (NB) |  |
| 15.00 | Sta. $1295+85.92$ |
| 20.00 | Sta. $1370+36.07$ |
| 20.00 | Sta. $1371+78.32$ |
| 45.00 | Sta. $1531+12.05$ |
| 15.00 | Sta. $1531+87.49$ |
| 20.00 | Sta. $1599+53.86$ |
| 20.00 | Sta. $1670+83.41$ |
| EB (SB) |  |
| 20.00 | Sta. $1284+78.37$ |
| 10.00 | Sta. $1370+36.00$ |
| 10.00 | Sta. $1371+78.32$ |
| 20.00 | Sta. $1531+58.54$ |
| 10.00 | Sta. $1532+38.06$ |
| 20.00 | Sta. $1659+45.84$ |

## OFFSET (FT) REMABKS

${ }^{0}$
113.94 LT
102.30 LT
126.23 LT
132.74 LT
89.46 L

0
131.36 RT
110.10 RT
128.74 RT

0 230 TOTAL

28000400 PERIMETER EROSION BARRIER

| FOOT <br> WB $($ NB $)$ | LOCATION |  |  |
| :---: | :---: | :---: | :---: |
| 150.00 | Sta. $1531+00.00$ | TO | $1532+50.00$ |
| 150.00 | Sta. $1600+00.00$ | TO | $1601+50.00$ |
| $\frac{\text { EB }(\text { SB })}{}$ |  |  |  |
| 150.00 | Sta. $1531+00.00$ | TO | $1532+50.00$ |
| 150.00 | Sta. $1599+00.00$ | TO | $1600+50.00$ |
| 150.00 | Sta. $1599+00.00$ | TO | $1600+50.00$ |


| OFFSET (FT) | REMARKS |
| :---: | :--- |
| 98.00 LT | Outside Shoulder |
| 66.00 RT | Inside Shoulder |
| 97.00 RT | Outside Shoulder |
| 78.00 RT | Outside Shoulder |
| 73.00 LT | Inside Shoulder |

28100105 STONE RIPRAP, CLASS A3

Stage 2 Median (Temporary Crossover)
Edwards River- Offset to Inside Edge of Ditch Check Edwards River-Offset to Inside Edge of Ditch Check Unnamed Creek - Offset to Inside Edge of Ditch Check Unnamed Creek-Offer Median (Permanent Crossover)

Stage 2 Temporary Crossover
Edwards River - Offset to Inside Edge of Ditch Check Edwards River - Offset to Inside Edge of Ditch Check Unnamed Creek - Offset to Inside Edge of Ditch Check Unnamed Creek- Offset to Inside Edge of Ditch Check Median (Permanent Crossover) 50total

28000500 INLET AND PIPE PROTECTION

| EACH |  | LOCATION | OFFSET (FT) | REMARKS |
| :---: | :---: | :---: | :---: | :---: |
| WB (NB) |  |  |  |  |
| 1 | Sta | 1369+70.44 | 0 | Median (Culvert- End Section) |
| 1 | Sta | 1600+82.35 | 79.60 RT | Mud Creek (Culvert- End Section) |
| 1 | Sta | 1601+57.23 | 81.00 LT | Mud Creek (Culvert- End Section) |


| SO YD |
| :--- |
| (NB) |

WB (NB)
109.10 674.14 152.72
723.07
565.89
324.76
$\mathrm{EB} \quad(\mathrm{SB})$
$2(2)$
$1,013.89 \quad$ Sta. $1437+06.26$ то $1439+61.01$ $\begin{array}{ll}.013 .89 & \text { Sta. } 1444+94.05 \\ 227.23 & \text { TO } 1453+11.18 \\ 26.1472+88.16 & \text { TO } 1474+68.82\end{array}$ 268.67 Sta. 1481895.49 TO $1474+68.82$ 381.68 Sta. $1520+85.83$ TO $1523+94.99$ $\begin{array}{llll}381.68 & \text { Sta. } 1520+85.83 & \text { TO } 1523+94.99 \\ 658.40 & \text { Sta. } 1524+74.02 & \text { TO } 1530+04.34\end{array}$ 94.71 Sta. $1530+53.89$ TO $1531+30.22$ 528.05 Sta. $1531+68.32$ TO $1535+90.22$
1.859.34 Sta. $1538+87.23$ TO $1553+83.38$
2.963.70-5ta. $1566+85.43$ to $1575+74.54$
2.415.40 Sta. $1580+53.52$ T0 $1599+53.86$
401.31 Sta $1592+68.28$ TO $1595+86.03$
1.009.80 Sta $1599+53.86$ T0 $1602+56.80$ 397.17 Sta. $1600+76.86$ TO $1604+59.39$
1.079.83 Sta $1608+03.38$ TO $1616+56.79$

1. 365 .54 Sta. $1619+92.34$ T0 $1630+33.66$
$471.10-$ Sta. $1627+63.83$ TO $1630+91.48$
395.40 Sta $1649+93.78$ TO $1653+05.45$
216.27 Sta. $1293+45.81$ TO $1295+15.81$ Sta: 1321+81.70 TO 1325+63.81 $2,414.75 \quad$ Sta. $1388+82.80$ TO $1403+29.63$ 256.61 Sta $1437+25.91$ to $1439+03.08$ 256.61 Sta. $1437+25.91$ To $1439+03.08$ 93.98 Sta. 140.23 Sta. $1451+01.67$ To $1452+68.31$ 140.23 Sta. $1451+01.67$ to $1452+10.91$ 190.33 Sta. $1462+9 . .52$ TO $1464+45.34$
$1,074.14$ Sta. $1471+95.29$ TO $1481+06.90$
$1.089 .59 \quad$ Sta. $1522+79.28$ To $1531+58.54$
$\begin{array}{rlll}56.50 & \text { Sta. } 1532+08.09 & \text { TO } 1532+53.69 \\ 409.44 & \text { Sta. } 1549+66.28 & \text { TO } & 1552+96.14\end{array}$
Sta. 1307+81.15 TO $1307+92.24$ Sta. $1310+06.89$ TO $1315+54.80$ Sta. 1317+91.09 TO $1318+02.17$ Sta. $1322+82.19$ TO $1328+70.84$ Sta. 1437+06. 26 TO 1430+13.16 Sta. 1481+95.49 TO $1484+14.95$ Sta. $1530+53.89$ TO 1531+ Sta. 1580+53.52 TO 1599+53.86 Sta. 1592+68.28 TO 1595+ Sta. $1619+92.34$ то $1630+33.66$ Sta. 1627+63.83 TO 1630+91.48 (. $1649+93.78$ T0 1653

Sta. $1293+45.81$ TO $1295+15.81$ Sta. 1437+25.91 TO 1439+03.08 Sta. $1451+01.67$ TO $1452+10.91$ Sta. $1462+91.52$ TO $1464+95.29$ TO $1481+06.90$ Sta. $1532+08.09$ TO $1532+53.69$

| 09 | side Shoulder |
| :---: | :---: |
| 85.33 LT | Outside Shoulder |
| 86.40 LT | Outside Shoulder |
| 50-124.50 LT | tside Shoulder |
| . 28 - 115.70 LT | de Shoulder |
| . 31 - 104.32 | Outside Shoulder |
| 72.58-127.00 LT | Outside Shoulder |
| 1.45 - 172.22 LT | Outside Shoulder |
| 114.51 LT | de Shoulder |
| . $57-99.50$ LT | Outside Shoulder |
| .12-120.93 LT | Outside Shoulder |
| 3.18 - 126.65 LT | Outside Shoulder |
| -124.03 LT | de Shoulder |
| . 18 - 153.50 LT | Outside Shoulder |
| 66.01 - 119.11 LT | Outside Shoulder |
| . 69 - 98.48 LT | ide Shoulder |
| 24.64 - 88.50 RT | Inside Shoulder |
| 22.00 LT | Outside Shoulder |
| .15-97.99 | Inside Should |
| 67 | Inside Shoulder |
| 39.19 - 98.98 RT | Inside Shoulder |
| 73.61 - 108.83 LT | Outside Shoulder |
| 51.02 - 87.13 LT | Outside Shoul |
| 112.50 | Ou |
| . 46 - 144.51 RT | e Shoulder |
| 81.81 - 92.63 RT | Outside Shoulder |
| 75.31 RT | Outside Shoulder |
| . 01 - 151.57 RT | ide |
| . 97 - 94.50 RT | Outside Shoulder |
| 108.86 - 123.72 RT | Outside Shoulder |
| 118.99-205.97 RT | Outside Shoulder |
| 75.45 - 129.08 RT | Outside Shoulder |
| 127.95 RT | Outside Shoulder |
| 6.56-92.81 RT | Outside Shoul |

 233.79 Sta

$$
99.60-114.71 \mathrm{LT}
$$

$$
28.55-50.47 \mathrm{RT}
$$

$$
\begin{gathered}
28.61-46.03 \mathrm{L7} \\
29 \mathrm{Ba} \text { RT }
\end{gathered}
$$

$$
24.81-120.78 \mathrm{LT}
$$

$$
\begin{aligned}
& 81.97-137.18 \text { RT } \\
& 30-69-70 \text { RT }
\end{aligned}
$$

$$
40.74-145.55 \mathrm{LT}
$$

77.72 - 64.34 RT

42300300 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH


44000300 CURB REMOVAL

$$
\stackrel{E O O T}{1}_{1}
$$

LOCATION
$\qquad$
REMARKS
As needed for TBT, Type 6 locations

## 44000500 COMBINATION CURB AND GUTTER REMOVAL

WB $\frac{\text { FOOT }}{\text { (NB) REST AREA }}$ LOCATION

OFFSET (FT
REMARKS
WB (NB) REST AREA
cation
42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH

| SO FT LOCATION |  |  |  |
| :---: | :---: | :---: | :---: |
| WB (NB) REST AREA |  |  |  |
| 264.16 | Sta. $13+60.50$ | то | 13+90.66 |
| 317.41 | Sta. $14+06.55$ | то | $14+32.87$ |
| 375.30 | Sta. $15+23.22$ | то | $15+63.12$ |
| 495.15 | Sta. 15+87.39 | то | $16+31.39$ |
| EB (SB) REST AREA |  |  |  |
| 259.03 | Sta. $14+58.72$ | то | 14+91.23 |
| 398.99 | Sta. $15+05.86$ | то | $15+31.28$ |
| 337.12 | Sta. $16+30.06$ | то | $16+67.19$ |
| 338.88 | Sta. 17+87.42 | то | 18+19.62 |

$$
\begin{gathered}
\text { OFFSET (FT) } \\
24.59 \mathrm{RT} \\
2.58-24.46 \mathrm{RT} \\
2.50 \mathrm{RT} \\
2.51 \mathrm{RT} \\
24.87 \mathrm{RT} \\
2.91-24.59 \mathrm{RT} \\
2.64-9.61 \mathrm{RT} \\
2.40-2.89 \mathrm{RT}
\end{gathered}
$$

## remarks

4200800 DETECTABLE WARNINGS

| SO FT | LOCATION |  | OFFSET (FT) |
| :---: | :---: | :---: | :---: |
| WB (NB) REST AREA |  |  |  |
| 10.00 | Sta. 13+70.80 | то 13+75.80 | 24.63 RT |
| 10.00 | Sta. $14+14.98$ | то $14+19.04$ | 2.91-6.09 RT |
| 10.00 | Sta. $15+41.43$ | то 15+46.43 | 2.41 RT |
|  | Sta. | то 16 | 2.49 RT |

EB (SB) REST AREA
$10.00 \quad$ Sta $14+72.6$
10.00 Sta. 15+72.66
10.00 Sta. 15+09.44

10 $14+77.66$
TO $15+13.65$
TO $16+55.27$
$18+07.98$
24.87 RT
3.22-6.23 RT
2.64 RT

44000200 DRIVEWAY PAVEMENT REMOVAL

|  |  | LOCATION |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| WB (NB) REST AREA |  |  |  |  |  |
| 27.97 | Sta | 17+59.71 | то | $17+86$ | 77 |
| EB (SB) REST AREA |  |  |  |  |  |
| 27.81 | Sta | 18+65.75 | то | 18+93. |  |

$30.18 \quad$ Sta. $13+60.48$
25.40 Sta. $14+06.32$
$17.36 \quad$ Sta. $14+18.72$
39.91 Sta. 15+23.22
$44.02 \quad$ Sta. $15+87.37$
18.74 Sta. $18+76.36$

EB (SB) REST AREA
32.57 Sta. $14+58.71$
19.21 Sta. $15+05.86$
25.15 Sta. 15+12.95
25.18 Sta. $16+42.00$
$32.37 \quad$ Sta. 17+87.42
$\begin{array}{rr}152.81 & \text { Sta. } 18+66.16 \\ 18.81 & \text { Sta. } 19+87.93\end{array}$ 482 TOTAL

44000600 SIDEWALK REMOVAL
SQ FT
(NB) REST AREA
22.06 RT
$0.06-21.88 \mathrm{RT}$

- 12.23 RT

0
0
19.47 RT
22.29 RT

TO $15+08.33$
TO $15+20.99$
TO $16+67.18$
TO $18+19.79$
TO $20+02.18$
TO $20+04.45$

WB (NB) REST AREA
266.55 Sta. $13+60.50$
263.61 Sta. $14+60.50$
367.01 Sta. $14+06.53$

TO $13+90.66$
TO $14+33.81$
TO $15+63.12$
493.96 Sta. 15+87.39
22.01-9.28 RT
$10.76-36.92$ RT 18.91 RT

0-16.58 RT 16.58
0
0
OFFSET (FT)

REMARKS

$$
\begin{gathered}
24.59 \mathrm{RT} \\
6.84-24.33 \mathrm{RT} \\
2.50 \mathrm{RT}
\end{gathered}
$$

$$
\begin{aligned}
& 2.50 \text { RT } \\
& 2.51 \mathrm{RT}
\end{aligned}
$$

| EB (SB) REST AREA |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 260.46 | Sta. $14+58.72$ | то | $14+91.23$ |  | . 87 RT |
| 333.29 | Sta. $15+05.86$ | то | $15+32.67$ | 6.63 | - 24.59 RT |
| 327.82 | Sta. $16+30.06$ | то | $16+67.19$ | 2.64 | - 9.61 RT |
| 336.91 | Sta. 17+87.42 | то | 18+19.62 | 2.40 | - 2.89 RT |
| 2,650 TOTAL |  |  |  |  |  |

50105220 PIPE CULVERT REMOVAL

$$
\frac{\frac{\text { FOOT }}{103.48}}{104} \text { SOTAL } \frac{\text { LOCATION }}{} \text { Sta } 1663+02.25 \text { TO } 1664+05.73
$$

REMARKS

54213687 PRECAST REINFORCED CONCRETE FLARED END SECTION 42"


54246205 INLET BOX. STANDARD 542526

| EACH |  |  | LOCATION | OFFSET (FT) | REMARKS |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | Sta | . $1662+75.50$ | 0 |  |
| 1 total |  |  |  |  |  |

542 D 0229 PIPE CULVERTS. CLASS D. TYPE 124."

| FOOT LOCATION |  |  |  | OFFSET |
| :---: | :---: | :---: | :---: | :---: |
| 157.81 | Sta. 1662+75.50 | то | 1664+33.31 |  |
| 158 TOTAL |  |  |  |  |
| CLASS SI CONCRETE (OUTLET) |  |  |  |  |
| CU YD | LOCATION |  |  | REMARKS |
| EB (SB) REST AREA |  |  |  |  |
| 3.32 | Sta. 19+83.29 | TO | 20+18.80 |  |
| 4 TOTAL |  |  |  |  |

60600605 CONCRETE CURB. TYPE B
FOOT
100
${ }^{100}$ TOTAL
Sta. $1285+75.00$ TOCATION $1672+56.00$

REMARKS
As needed for TBT, Type 6 locations

60605000 COMBINATION CONCERETE CURB AND GUTTER. TYPE B-6. 24


60607400 COMBINATION CONCERETE CURB AND GUTTER. TYPE B-9. 24

| FOOT | LOCATION |  |  |  |  | OFFSET (FT) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WB (NB) REST AREA |  |  |  |  |  |  |
| 30.18 | Sta. | 13+60.48 | то | 13+90.66 |  | 22.06 RT |
| 41.76 | Sta. | 14+06.53 | то | $14+24.32$ |  | - 21.88 RT |
| 18.74 | Sta. | 18+76.36 | то | 18+92.82 |  | 19.47 RT |
| EB (SB) REST AREA |  |  |  |  |  |  |
| 32.57 | Sta. | $14+58.71$ | то | $14+91.28$ |  | 22.29 RT |
| 40.27 | Sta. | 15+05.86 | то | $15+20.99$ | 0 | - 22.01 RT |
| 25.18 | Sta. | $16+42.00$ | то | 16+67. 18 |  | 0 |
| 18.81 | Sta. | $19+87.93$ | то | 20+04.45 |  | 18.91 RT |

63000001 STEEL PLATE BEAM GUARDRAIL. TYPE A. 6 FOOT POSTS

| FOOT <br> WB (NB) | LOCATION <br> OUTSIDE SHOULDER | REMARKS |  |
| :---: | :--- | :--- | :--- |
| 237.50 | Sta. $1372+15.50$ | TO | $1374+52.99$ | Inside Shoulder

63000003 STEEL PLATE BEAM GUARDRAIL. TYPE A. 9 FOOT POSTS

| FOOT <br> WB $(N B)$ | LOCATION |  | REMARKS |
| ---: | :---: | :--- | :--- |
| $1,700.00$ | Sta. $1327+02.43$ | TO $1344+02.43$ | Outside Shoulder |
| 175.00 | Sta. $1372+15.50$ | TO $1373+90.49$ | Outside Shoulder |
| 712.50 | Sta. $1473+38.47$ | TO $1480+55.16$ | Outside Shoulder |
| $1,275.00$ | Sta. $1566+88.50$ | TO $1579+61.74$ | Outside Shoulder |
| $1,275.00$ | Sta. $1594+00.09$ | TO $1606+76.00$ | Inside Shoulder |

600095 CLASS SI CONCRETE (OUTLET)

$$
\begin{aligned}
& \frac{C U Y D}{\text { (SB) REST AREA LOCATION }} \\
& 32 \text { Sta }
\end{aligned}
$$

TO $20+18.80$
$\sqrt{2}$

$\begin{array}{lll}1,312.50 & \text { Sta. } 1617+34.29 & \text { TO } 1606+37.31\end{array}$ 1,262.50 Sta. $1617+82.98$ TO $1630+46.50$ B (SB)
1,950.00
1,300.00
Sta. 1467+07.53 TO $1479+99.02$ 400.00 Sta. $1528+49.01$ TO $1532+49.00$ 1,187.50 Sta. 1562+74.00 TO $1574+61.50$ $1,125.00 \quad$ Sta. $1590+73.84$ TO $1601+98.82$ $\begin{array}{ll}1,025.00 & \text { Sta. } 1591+85.86\end{array}$ TO $1602+10.86$ 662.50 Sta. $1617+05.03$ то $1623+66.23$ 17,762.5 TOTAL

63100045 TRAFFIC BARRIER TERMINAL. TYPE 2

| EACH | location |  | REMARKS |
| :---: | :---: | :---: | :---: |
| WB (NB) |  |  |  |
| 1 | Sta. 1326+89.93 | тO 1327+02.43 | Outside Shoulder |
| 1 | Sta. $1473+25.97$ | TO 1473+38.47 | Outside Shoulder |
| 1 | Sta. $1525+79.07$ | тO 1525+91.57 | Outside Shoulder |
| 1 | Sta. 1566+76.23 | TO 1566+88.50 | Outside Shoulder |
| 1 | Sta. 1593+87.59 | TO 1594+00.09 | Inside Shoulder |
| 1 | Sta. 1596+88.50 | TO 1597+01.00 | Outside Shoulder |
| 1 | Sta. 1617+21.79 | тO 1617+34.29 | Inside Shoulder |
| 1 | Sta. 1617+70.48 | TO 1617+82.98 | Outside Shoulder |
| EB (SB) |  |  |  |
| 1 | Sta. 1340+11.32 | TO 1340+23.82 | Outside Shoulder |
| 1 | Sta. 1479+99.02 | то 1480+11.52 | Outside Shoulder |
| 1 | Sta. 1532+49.00 | TO 1532+61.50 | Outside Shoulder |
| 1 | Sta. 1574+61.50 | тO 1574+74.00 | Outside Shoulder |
| 1 | Sta. 1601+98.82 | TO $1602+11.32$ | Inside Shoulder |
| 1 | Sta. 1602+10.86 | TO 1602+23.36 | Outside Shoulder |
| 1 | Sta. $1623+66.23$ | тO 1623+78.73 | Outside Shoulder |
| 1 | Sta. 1634+56.29 | то 1634+68.79 | Inside Shoulder |

63100085 TRAFFIC BARRIER TERMINAL. TYPE 6
EACH

LOCATION
WB (NB)
1 Sta. 1371+78.00 TO $1372+15.50$ 1 Sta. 1371+78.00 TO $1372+15.50$ 1 Sta. 1423+88.62 TO $1424+26.12$ 1 Sta. $1423+88.62$ TO $1424+26.12$ 1 Sta. 1631+94.00 тO $1632+31.50$ Sta. 1631+94.00 TO 1632+31.50 EB (SB)

1 Sta. 1369+98.50 TO $1370+36.00$ Sta. 1369+98.50 TO $1370+36.00$ Sta. $1422+32.50$ то $1422+70.00$ Sta. $1422+32.50$ TO $1422+70.00$ Sta. $1630+27.50$ TO $1630+65.00$ Sta. $1630+32.96$ TO $1630+70.46$

Outside Shoulder Inside Shoulder Outside Shoulder

Outside Shoulder Outside Shoulde Outside Shoulde Outside Shoulde Inside Shoulder Outside Shoulde Inside Shoulder Outside Shoulde

## REMARK

Outside Shoulde Inside Shoulder Outside Shoulder Inside Shoulder Outside Shoulder Inside Shoulder

Outside Shoulder Inside Shoulder Outside Shoulder Inside Shoulder Outside Shoulde Inside Shoulder

63100105 TRAFFIC BARRIER TERMINAL. TYPE 10
EACH LOCATION EB (SB) total

63100167 TRAFFIC BARRIER TERMINAL. TYPE 1 (SPECIAL) TANGENT
EACH LOCATION REMARKS

## B (NB

1 Sta. 1344+02.43 TO 1344+52.43 Sta. 1373+90.49 TO $1374+40.49$ Sta. 1374+52.99 TO $1375+02.99$ Sta. 1425+88.61 TO 1426+38.61 Sta. 1426+63.64 TO $1427+13.64$ Sta. 1480+55.16 TO $1481+05.16$ Sta. 1534+03.99 TO 1534+53.99 Sta. 1579+61.74 TO 1580+11.74 Sta. 1606+76.00 TO 1607+26.00 $\begin{array}{ll}\text { Sta. } 1606+37.31 & \text { TO } 1606+87.31 \\ \text { Sta. } 1633+94.02 \text { TO } 1634+44.02\end{array}$ Sta. $1634+68.97$ TO $1635+18.97$

EB (SB)
Sta. 1320+14.13 TO 1320+64.13 Sta. $1366+98.57$ TO $1367+48.57$ Sta. $1367+86.01$ TO $1368+36.01$ Sta. $1418+95.00$ TO $1419+45.00$ Sta. $1419+47.63$ TO $1419+97.63$ Sta. $1466+57.53$ TO $1467+07.53$ Sta. 1527+99.01 TO 1528+49.01 Sta. $1562+24.00$ TO $1562+74.00$ Sta. $1590+23.84$ TO $1590+73.84$ Sta. 1591+35.86 TO 1591+85.86 Sta. $1615+18.42$ то $1615+68.42$ Sta. 1616+55.03 TO 1617+05.03 Sta. 1627+65.54 TO 1628+15.54

63200310 GUARDRAIL REMOVAL
$\begin{array}{r}\mathrm{FB} \quad \mathrm{NB} \\ \hline 1.68 \\ \hline\end{array}$
1.689.00
.689 .00
326.00
376.00
315.00
365.00
691.00
904.00
$\begin{array}{rrrr}904.00 & \text { Sta. } 1525+56.00 & \text { TO } 1534+60.00 \\ 1,767.00 & \text { Sta. } 1562+14.00 & \text { TO } & 1579+81.00\end{array}$
LOCATION
Sta. 1328+08.00 TO 1344+97.00 Sta. 1371+78.00 TO 1375+04.00 Sta. 1371+78.00 TO 1375+54.00 Sta. $1423+89.00$ TO 1427+04.00 Sta. 1423+89.00 TO 1427+54.00 Sta. $1473+17.00$ TO $1480+08.00$

1 Sta. $1630+46.50$ TO $1630+59.00$

Sta. $1632+06.11$ TO $1632+18.61$
LOCATION
REMARKS
Outside Shoulde Inside Shoulder

Inside Shoulder

Outside Shoulde Outside Shoulde Inside Shoulder Outside Shoulder Inside Shoulder Outside Shoulde Outside Shoulde Outside Shoulde Outside Shoulde Outside Shoulde Outside Shoulde Inside Shoulder

Outside Shoulde Inside Shoulder Outside Shoulder Outside Shoulder Inside Shoulder Outside Shoulde Outside Shoulde Outside Shoulde Inside Shoulder Outside Shoulde Inside Shoulder Outside Shoulder Outside Shoulder

REMARKS
Outside Shoulder Outside Shoulde Inside Shoulder Outside Shoulder Inside Shoulder Outside Shoulder Outside Shoulde Outside Shoulde

63500105 DELINEATORS

| EACH | LOCATION |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 70 | Sta. | $1285+65.00$ | TO | $1672+56.00$ |
| 25 | Sta. | $1285+65.00$ | TO | $1672+56.00$ |
| 8 | Sta. | $1285+65.00$ | TO | $1672+56.00$ |

$\qquad$

63800920 MODULAR GLARE SCREEN SYSTEM. TEMPORARY

| FOOT | LOCATION |  |
| :---: | :---: | :---: |
| Stage 1 |  |  |
| WB (NB) |  |  |
| 825.00 | Sta. $1221+75.00$ | TO $1230+00.00$ |
| 750.00 | Sta. $1248+75.00$ | TO $1256+25.00$ |
| EB (SB) |  |  |
| 775.00 | Sta. $1658+00.00$ | TO 1665+75.00 |

64200116 SHOULDER RUMBLE STRIPS. 16 INCH

| FOOT | location |  | REMARKS |
| :---: | :---: | :---: | :---: |
| WB (NB) |  |  | Inside and Outside Shoulder |
| 2,208.39 | Sta. $1222+89.65$ | то 1244+98.0 | Mainline - Outside Shoulder |
| 2,311.46 | Sta. $1251+84.38$ | то 1274+95.8 | Mainline - Outside Shoulder |
| 499.92 | Sta. 1280+65.08 | TO 1285+65.0 | Mainline - Outside Shoulder |
| 4,010.00 | Sta. 1285+65.00 | TO 1305+70.00 | Mainline |
| 67.00 | Sta. 1305+70.00 | TO 1306+37.00 | U-Turn- Gap Inside Shoulder |
| 11,056.00 | Sta. $1306+37.00$ | TO 1361+65.00 | Mainline |
| 871.07 | Sta. 1361+65.00 | TO 1370+36.07 | Mainline - Outside Shoulder |
| 862.68 | Sta. $1371+78.32$ | TO 1380+41.00 | Mainline - Outside Shoulder |
| 6,752.00 | Sta. $1380+41.00$ | TO 1414+17.00 | Mainline |

854.17 Sta. $1414+17.00$ то $1422+71.17$ 861.13 Sta. $1423+88.87$ TO $1432+50.00$
,046.00 Sta. $1432+50.00$ TO $1457+73.00$ Sta. 1457+73.00 TO $1458+33.00$
. 60.00 Sta. $1458+33.00$ To $1524+07.00$ 60.00 Sta. $1524+07.00$ To $1524+67.00$
$19,446.00$ Sta. 1524+67.00 10 1621+90.00 $868.34-$ Sta. $1621+90.00$ to $1630+58.34$
3. 658.00 Sta. 1640+76. 00 T0 $1659+05.00$

Sta. $659+05.00$ T0 1659+05.00 938.00 Sta. 1659+05.0 (0) $1668+43.00$
4. 010.00
010.00 Sta. $1285+65.00$ то $1305+70.00$ 67.00 Sta. $1305+70.00$ то $1306+37.00$
$11,046.00$ Sta. $1306+37.00$ то $1361+60.00$ Sta. $1361+60.00$ TO $1370+36.07$ 766.08 Sta. 1371+78.32 T0 $1380+46.00$
842. 17 Sta. $1414+29.00$ T0 $1422+71.17$ 845.13 -Sta. $1423+88.87$ T0 1432734.00
$5,078.00$ Sta. $1432+34.00$ TO 1457+73.00
60.00 Sta 1457+73.00 TO 1458+33.00 148.00 Sta $1458+33.00$ - 152432.00 60.00 Sta $1524+07.00$ TO $1524+67.00$ 486.00 Sta. $1524+67.00$ T0 $1622+10.00$ 857.79 Sta. $1622+10.00$ - $1630+67.79$ 845.50 Sta. $1632+03.50$ T0 $1640+49.00$ 712.00 Sta. 1640+49.00 10 $1659+05.00$ 938.00 Sta $1659+05.00$ TO $1668+43.00$ 926.00 Sta $1668+43.00$ TO $1672+56.00$ (NB) REST AREA
870.10 Sta. $6+68.10$ 459.74 Sta. 20+54.55

## EB (SB) REST AREA

$1,056.76$ Sta. $6+83.04$
то 11+03.15
то $22+84.42$
1.056.76 Sta. 2183.012

TO $12+11.42$
148.479 TOTAL

66700305 PERMANENT SURVEY MARKERS. TYPE L
EACH
$\quad 8 \quad$ Sta. LOCATION
8 TOTAL . $285+65.00$ TO $1672+56.00$

REMARKS
1 per mile

70300100 SHORT-TERM PAVEMENT MARKING

| FOOT <br> WB (NB) | LOCATION | REMARKS |
| :---: | :---: | :--- |
| 690.91 | Sta. $1285+65.00$ | TO $1361+65.00$ | White Centerline Skip Dash

Mainline - Outside Shoulder Maintine Outside Shoulder U-Turn.
U-Turn Gap Inside Shoulder Mainline
U-Turn- Gap inside Shoulder Mainline
Maintine - Outside Shoulder Mainline - Outside Shoulder Crossover

Gap Inside Shoulder Mainline

Mainline
U-Turn- Gap Inside Shoulder Mainline

- Outside Shoulder Maintine - Outside Shoulder Mainline
Maintine - Outside Shoulder Maintine - Outside Shoulder Mainline

Gap Inside Shoulder Mainline

- Gap Inside Shoulder Mainline
- Outside Shoulder Mainline - Outside Shoulder Crossover
- Gap Inside Shoulder Mainline

Rest Area Entrance Ramp Rest Area Exit Ramp

Rest Area Entrance Ramp Rest Area Exit Ramp
690.91 Sta. $1285+65.00$ тO 1361+65.00
690.91 Sta. 1285565.00 10 1361+65.00
306.91 Sta. $1380+41.00$ TO $1414+17.0$
306.91 Sta $1380+41.00$ TO $1414+17.0$
white Centerline skip Das
sec
306.91 Sta. $1380+41.00$ TO $1414+17.0$ $1,721.82$ Sta. $1432+50.00$ To $1621+90.0$ $1,721.82$ Sta. $1432+50.00$ to $1621+90.0$ $1,721.82$ Sta. $1432+50.00$ to $1621+90.0$ 289.09 Sta. $1640+76.00$ 10 $1672+56.00$ 289.09 Sta. $1640+76.00$ to $1672+56.00$B (SB)
$\qquad$ 690.45 690.45
$\qquad$
$\qquad$ 307.55 Sta. $1380+46.00$ TO $1314+60.00$ 307.55 Sta. $1380+46.00$ то $1414+29.00$ ,725.09 Sta. $1432+34.00$ To $1422+29.00$ $1,725.09 \quad$ Sta. $1432+34.00$ to $1622+10.00$ 1,725.09 Sta. $1432+34.00$ то $1622+10.00$ , 725.09 Sta. $1432+34.00$ To $1622+10.00$ 291.55 Sta. $1640+49.00$ T0 $1672+56.00$ 291.55 Sta. $1640+49.00$ TO $1672+56.00$ 18.071 total

Yellow Inside Edge Line White Centernine Skip Dash Yellow Inside Edge Line White Centerline Skip Dash White Centertine Skip Dash White Outside Edge Line White Centerline Skip Dash White Centerline Skip Dash
White Outside Edge Line White Outside Edge Line
Yellow Inside Edge Line White Centerline Skip Dash White Outside Edge Line White Outside Edge Line White Centerline Skip Dash White Centerime Skip Das White Outside Edge Line White Centerline Skip Dash White Centside Skip Das White Outside Edge Line Yellow Inside Edge Line

## 70300150 SHORT TERM PAVEMENT MARKING REMOVAL

| SQ FT | LOCATION |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| WB (NB) |  |  |  |  |
| 230.30 | Sta. | 1285+65.00 | то | 1361+65.00 |
| 230.30 | Sta. | 1285+65.00 | то | 1361+65.00 |
| 230.30 | Sta. | 1285+65.00 | то | 1361+65.00 |
| 102.30 | Sta. | $1380+41.00$ | то | $1414+17.00$ |
| 102.30 | Sta. | $1380+41.00$ | то | $1414+17.00$ |
| 102.30 | Sta. | $1380+41.00$ | то | 1414+17.00 |
| 573.94 | Sta. | $1432+50.00$ | то | 1621+90.00 |
| 573.94 | Sta. | $1432+50.00$ | то | 1621+90.00 |
| 573.94 | Sta. | $1432+50.00$ | то | 1621+90.00 |
| 96.36 | Sta. | $1640+76.00$ | то | 1672+56.00 |
| 96.36 | Sta. | $1640+76.00$ | то | 1672+56.00 |
| 96.36 | Sta. | $1640+76.00$ | то | $1672+56.00$ |
| EB (SB) |  |  |  |  |
| 230.15 | Sta. | 1285+65.00 | то | 1361+60.00 |
| 230.15 | Sta. | $1285+65.00$ | то | 1361+60.00 |
| 230.15 | Sta. | 1285+65.00 | то | 1361+60.00 |
| 102.52 | Sta. | $1380+46.00$ | то | $1414+29.00$ |
| 102.52 | Sta. | 1380+46.00 | то | 1414+29.00 |
| 102.52 | Sta. | $1380+46.00$ | то | 1414+29.00 |
| 575.03 | Sta. | $1432+34.00$ | то | $1622+10.00$ |
| 575.03 | Sta. | $1432+34.00$ | то | $1622+10.00$ |
| 575.03 | Sta. | $1432+34.00$ | то | $1622+10.00$ |
| 97.18 | Sta. | $1640+49.00$ | то | 1672+56.00 |
| 97.18 | Sta. | $1640+49.00$ | то | 1672+56.00 |
| 97.18 | Sta. | 1640+49.00 | то | $1672+56.00$ |
| 6,024 TOTAL |  |  |  |  |

## REMARKS

White Centerline Skip Dash White Outside Edge Line Yellow Inside Edge Line White Centerline Skip Dash White Outside Edge Line Yellow Inside Edge Line White Centertine Skip Das White Outside Edge Line Yellow Inside Edge Line White Center White Outside Edge Line White Centerline Skip Dash White Centerline Skip Dash White Outside Edge Line Yellow Inside Edge Line White Center 1 ine Skip Dash White Outside Edge Line Yellow Inside Edge Line White Centerine Skip Das White Outside Edge Line Yellow inside Eage Line White Center ine Skip Dash White Outside Edge Line

70300220 TEMPORARY PAVEMENT MARKING - LINE 4"

## FOOT

Stage 1
WB (NB)
663.77 663.77
390.65

3,635.48
86,912.98
686.34
4.

4,623.34
569.03
$76,143.42$
314.02
314.02
1.489 .25

1,489. 25
EB (SB)
2,605.17
723.76
1.078 .60
2.533 .19

2,533.19
$\qquad$ 777.28 Stage 2 WB (NB)
829.04
729.04
793.30
2.763.72 Sta. $1661+20.77$ TO $1292+94.04$
2.763.72 Sta. $1661+20.77$ то $1688+84.49$
119.49 Sta. $1688+84.49$ то $1689+24.32$ 1,038.41 EB (SB)
3,994.04
443.93
73. 653.46 Sta. $1288+50.11$ тО $1292+94.04$ 73.653.46 Sta. $1292+94.04$ TO $1661+20.77$ 330.21 Sta. $1661+20.77$ To $1664+50.98$ $\begin{array}{ll}330.21 & \text { Sta. } 1661+20.77 \\ 862.79 & \text { Sta. } 1661+20.77\end{array}$

## Post Stage

WB (NB)
574.00
574.00
574.00
574.00
$1,020.16$

1,020.16
$1,020.16$ EB (SB)
1,020 Sta. $1662+35.84$ TO $1672+56.00$ 348,464 TOTAL

## bemarks

1-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 2-White Solid Outside Edge Line 2-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 2-White Solid Outside Edge Line - White Solid Outside Edge Line 2-White Solid Outside Edge Line -White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line

1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 2 -White Solid Outside Edge Line 1-White Solid Outside Edge Line - White Solid Outside Edge Line -Yellow Solid Inside Edge Line
-white Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1-Yellow Solid Inside Edge Line 1 -White Solid Outside Edge Line 3 -White Solid Outside Edge Line -White Solid Outside Edge Line

1-Yellow Solid Inside Edge Line 1 -White Solid Outside Edge Line 2 -White Solid Outside Edge Line 2-Yellow Solid Inside Edge Line - White Solid Outside Edge Line -Yellow Solid Inside Edge Line
-White Solid Outside Edge Line -Yellow Solid Inside Edge Line -White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line

1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line

70300240 TEMPORARY PAVEMENT MARKING - LINE 6"

| FOOT | LOCATION |  | REMARKS |
| :---: | :---: | :---: | :---: |
| Post Stage |  |  |  |
| WB (NB) |  |  |  |
| 143.50 | Sta. 1285+65.00 | TO 1291+39.00 | 1-White Centerline Skip Dash |
| 255.04 | Sta. $1662+35.84$ | TO 1672+56.00 | 1 -White Centerline Skip Dash |
| EB (SB) |  |  |  |
| 255.04 | Sta. 1662+35.84 | TO 1672+56.00 | 1-White Centerline Skip Dash |

70300250 IEMPORARY PAVEMENT MARKING - LINE 8"

| FOOT | LOCATION |  | REMARKS |
| :---: | :---: | :---: | :---: |
| Stage 1 |  |  |  |
| WB (NB) |  |  |  |
| 50.00 | Sta. 1249+84.38 | TO 1251+84.38 | 1-White Outside Skip Dash |
| 530.64 | Sta. $1274+96.05$ | TO 1277+61.37 | IL 81 Exit - 2 -White Outside Gore Stripe |
| EB (SB) |  |  |  |
| 369.08 | Sta. $1219+56.46$ | TO 1221+41.00 | IL 81 Exit - 2-White Outside Gore Stripe |
| Stage 2 |  |  |  |
| WB (NB) |  |  |  |
| 949.80 | Sta. 1684+11.59 | TO 1688+84.49 | IL 17 Entrance - 2-white Outside Gore Stripe |

70300260 IEMPORARY PAVEMENT MARKING - LINE 12"
 133 TOTAL

70400100 IEMPORARY CONCRETE BARRIER


## 70400200 RELOCATE TEMPORARY CONCRETE BARRIER



70500100 IEMPORARY STEEL PLATE BEAM GUARDRAIL. TYPE A

| FOOT | LOCATION |  |  |  | REMARKS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WB (NB) |  |  |  |  |  |  |
| 237.50 |  |  | Sta | 1367+61.00 | то | 1369+98.50 | Inside | Shoulder |
| 237.50 | Sta | 1419+96.17 | то | $1422+33.67$ | Inside | Shoulder |
| 250.00 | Sta | 1591+50.09 | то | 1594+00.09 | Inside | Shoulder |
| 275.00 | Sta | 1614+59.29 | то | $1617+34.29$ | Inside | Shoulder |
| EB (SB) |  |  |  |  |  |  |
| 212.50 | Sta | 1372+16.81 | то | 1374+29.31 | Inside | Shoulder |
| 225.00 | Sta | $1424+24.96$ | то | $1426+49.96$ | inside | Shoulder |
| 200.00 | Sta | $1602+16.50$ | то | $1604+16.50$ | Inside | Shoulder |
| 412.50 | Sta | $1632+41.72$ | то | $1636+54.22$ | Inside | Shoulder |

70500665 TEMPORARY TRAFFIC BARRIER TERMINAL. TYPE 6


72000100 SIGN PANEL - TYPE

| SO FT |  | LOCATION | OFFSET (FT) | REMARKS |
| :---: | :---: | :---: | :---: | :---: |
| EB (SB) Rest Area |  |  |  |  |
| 1.50 | Sta | 15+10.75 | 34.88 RT | Reserved |
| 0.50 | Sta | 15+10.75 | 34.88 RT | \$250 Fin |

72400100 REMOVE SIGN PANEL ASSEMBLY - TYPE A


72501000 IERMINAL MARKER - DIRECT APPLIED

| EACH | LOCATION | REMARKS |
| :---: | :---: | :---: |
| WB (NB) |  |  |
| 1 | Sta. 1344+52.43 | Outside Shoulder |
| 1 | Sta. 1374+40.49 | Outside Shoulder |
| 1 | Sta. $1375+02.99$ | Inside Shoulder |
| 1 | Sta. 1426+38.61 | Outside Shoulder |
| 1 | Sta. 1427+13.64 | Inside Shoulder |





78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

| FOOT | LOCATION |  |
| :---: | :---: | :---: |
| WB (NB) |  |  |
| 50.00 | Sta. 1249+84.38 | то 1251+84.38 |
| 756.24 | Sta. 1274+96.05 | то 1278+74.17 |
| 50.00 | Sta. $1548+04.68$ | то 1550+04.68 |
| 735.84 | Sta. 1568+43.23 | TO 1572+11.15 |
| 509.98 | Sta. 1686+29.50 | то $1688+84.49$ |
| EB (SB) |  |  |
| 713.90 | Sta. 1477+27.04 | TO 1480+83.99 |
| 50.00 | Sta. 1500+04.83 | TO 1502+04.83 |
| 2,866 TOTAL |  |  |

## REMARKS

1-White Outside Skip Dash
IL 81 Exit - 2-white Outside Gore Stripe 1-White Outside Skip Dash
Rest Area Exit - 2-White Outside Gore Stripe IL 17 Entrance - 2 -white Outside Gore Stripe
Rest Area Exit - 2-White Outside Gore Stripe 1 -White Outside Skip Dash

78009004 MODIFIED URETHANE PAVEMENT MARKING - LINE 4

| FOOT | LOCATION | REMARKS |
| :---: | :---: | :---: |

$\frac{\text { WB (NB) }}{3,752.00}$ Sta. 1361+65.00 TO $1380+41.00$
$\begin{array}{lll}3,752.00 & \text { Sta. } 1361+65.00 & \text { TO } 1380+41.00 \\ 3,752.00 & \text { Sta. } 1361+65.00 & \text { TO } 1380+41.00\end{array}$ $\begin{array}{lll}3,62.00 & \text { Sta. } 1361+65.00 & \text { TO } 1380+41.00 \\ 3,666.00 & \text { Sta. } 1414+17.00 & \text { To } 1432+50.00\end{array}$ $3,666.00$ Sta. $1414+17.00$ то $1432+50.00$ $3,772.00$ Sta. $1621+90.00$ то $1640+76.00$ $3,772.00 \quad$ Sta. $1621+90.00$ тO $1640+76.00$ $\frac{\mathrm{EB} \quad(\mathrm{SB})}{3,772}$
$3,772.00$ Sta. $1361+60.00$ то $1380+46.00$ $3,772.00$ Sta. $1361+60.00$ TO $1380+46.00$ $3,610.00$ Sta. $1414+29.00$ TO $1432+34.00$ $3,610.00 \quad$ Sta. $1414+29.00$ TO $1432+34.00$ $3,678.00 \quad$ Sta. $1622+10.00$ TO $1640+49.00$ $\frac{3.678 .00}{44.500}$ TOTAL Sta. $1622+10.00$ TO $1640+49.00$

78009006 MODIFIED URETHANE PAVEMENT MARKING - LINE 6"

| $\underset{\text { WB (NB) }}{\text { FOOT }}$ LOCATION |  |  |
| :---: | :---: | :---: |
|  |  |  |
| 938.00 | Sta. 1361+65.00 | то 1380+41.00 |
| 916.50 | Sta. 1414+17.00 | то 1432+50.00 |
| 943.00 | Sta. $1621+90.00$ | то 1640+76.00 |
| EB (SB) |  |  |
| 943.00 | Sta. 1361+60.00 | то 1380+46.00 |
| 902.50 | Sta. 1414+29.00 | то 1432+34.00 |
| 919.50 | Sta. $1622+10.00$ | то $1640+49.00$ |
| 5,563 TOTAL |  |  |

REMARKS
IL 81 Exit - White Gore Diagonal Stripes Rest Area Exit - White Gore Diagonal Stripes
Rest Area Exit - White Gore Diagonal Stripes
Yellow No Parking Zone Diagonal Stripes
Yellow No Parking Zone Diagonal Stripes 78100100 RAISED REFLECTIVE PAVEMENT MARKER
Yellow Painted Median Diagonal Stripes
Yellow No Parking Zone Diagonal Stripes
Yellow No Parking Zone Diagonal Stripes Yellow Painted Median Diagonal Stripes

## EACH

WB (NB)
600 Sta. $1220+16.53$ то $1699+62.73$ 20 Sta. $1274+96.05$ TO $1278+74.17$ 5 Sta. 1280+65.08 TO 1281+58.37 $\begin{array}{llll}20 & \text { Sta. } 1568+43.23 & \text { TO } 1572+11.15 \\ 33 & \text { Sta. } 1568+43.23 & \text { TO } 1574+87.55\end{array}$
B (SB)
597 Sta. $1195+35.83$ TO $1672+56.00$ 33 Sta. $1474+30.74$ TO $1480+83.99$ 18 Sta. $1477+27.04$ TO $1480+83.99$
WB (NB) Rest Area
EB (SB) $\begin{gathered}6 \\ \text { Resta. } 6+68.10\end{gathered}$ TO $8+78.66$
EB (SB) Rest Area
6 Sta. $6+83.04$ TO $9+01.40$

## REMARKS

1 -White Solid Outside Edge Line, 2 Coats 1-Yellow Solid Inside Edge Line, 2 Coats 1 -white Solid Outside Edge Line, 2 Coats 1 -Yellow Solid Inside Edge Line, 2 Coats 1 -White Solid Outside Edge Line, 2 Coats 1-Yellow Solid Inside Edge Line, 2 Coats

1 -White Solid Outside Edge Line, 2 Coats 1 -Yellow Solid Inside Edge Line, 2 Coats 1 -White Solid Outside Edge Line, 2 Coats 1-Yellow Solid Inside Edge Line, 2 Coats 1 -White Solid Outside Edge Line, 2 Coats 1 -Yellow Solid Inside Edge Line, 2 Coats

## REMARKS

-White Centerline Skip Dash, 2 Coats
1 -White Centerline Skip Dash, 2 Coats
1 -White Centerline Skip Dash, 2 Coats
1 -White Centerline Skip Dash, 2 Coats
1 -white Centerline Skip Dash, 2 Coats
1 -White Centerline Skip Dash, 2 Coats

## REMARKS

Crystal Centerline Skip Dash
IL 81 Exit - 2 Crystal outside gore stripes Crystal outside shoulder
Rest Area Exit - 2 Crystal outside gore stripes Crystal outside shoulder
Crystal Centerline Skip Dash
Crystal outside shoulder
Rest Area Exit - 2 Crystal outside gore stripes
Amber inside shoulder
Amber inside shoulder

| FOOT | LOCATION |  |  |  | REMARKS |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WB (NB) |  |  |  |  |  |  |  |  |
| 1,900.00 | Sta | 1285+65.00 | TO | 1361+65.00 | 1-White | Centerline | Skip | Dash |
| 844.00 | Sta | $1380+41.00$ | то | $1414+17.00$ | 1 -White | Centerline | Skip | Dash |
| 4,735.00 | Sta | . $1432+50.00$ | то | 1621+90.00 | 1 -White | Centerline | Skip | Dash |
| 795.00 | Sta | . $1640+76.00$ | TO | $1672+56.00$ | 1 -White | Centerline | Skip | Dash |

## 78100200 IEMPORARY RAISED REFLECTIVE PAVEMENT MARKER

| EACH <br> Stage 1 | LOCATION |
| ---: | ---: | ---: | ---: |
| EB (SB) |  |

## bemarks

Crystal outside shoulde Amber inside shoulder Crystal outside shoulde Amber inside shoulder

Crystal outside shoulder Amber inside shoulder Crystal outside shoulder Amber inside shoulder

78200005 GUARDRAIL REFLECTORS. TYPE A

## EACH

(NB)
LOCATION
9 Sta. $1326+89.93$ TO $1344+52.43$ Sta. 1371+78 00 T0 1344+40.43 Sta $1371+78$. 00 TO $1375+02.99$ Sta. 1423+88. 62 TO $1426+38.61$ Sta. $1423+88.62$ TO $1427+13.64$ Sta. $1473+25.97$ TO $1481+05.16$ Sta. 1525+79 07 TO 1534+53. 99 Sta. 1566+76.23 TO 1579+01.00 Sta 1593+87.59 TO $1607+26.00$ Sta 1596 8 8. 50 TO 1608+87.31 Sta. 1617+21.79 TO $1630+59.00$ Sta 1617+70.48 TO 1630+59.00 Sta. 1631+94.00 To 1634+44.02 Sta. 1631+94.00 TO 1635+18.07

Sta. $1320+14.13$ то $1340+23.82$ Sta. $1366+98.57$ TO $1370+36.00$ Sta. 1367+86.01 TO $1370+36.00$ Sta. $1418+95.00$ TO $1422+70.00$ Sta. $1466+57.53$ TO $1422+70.00$ Sta 1527+99. 01 TO $1532+61.50$ Sta. 1562+24.00 TO 1574+74.00 Sta. $1590+23.84$ TO $1602+11.32$ Sta. 1591+35.86 +0 $1602+23.36$ Sta. $1615+18.42$ to $1630+70.46$ Sta. 1616+55.03 TO $1623+78.73$ Sta. 1627+65.54 TO 1630785.00 Sta. $1627+6.54$ To $163+65.00$ 4 St

## 78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

| EACH LOCATION |  |  |  |
| :---: | :---: | :---: | :---: |
| WB (NB) |  |  |  |
| 600 | Sta $1220+16.53$ | TO 1699+62.73 | Crystal Centerline Skip Dash |
| 20 | Sta 1274+96.05 | TO1278+74.17 | IL 81 Exit - 2 Crystal outside gore stripes |
| 5 | Sta 1280+65.08 | TO 1281+58.37 | Crystal outside shoulder |
| 20 | Sta $1568+43.23$ | TO 1572+11.15 | Rest Area Exit - 2 Crystal outside gore stripes |
| 33 | Sta $1568+43.23$ | TO 1574+87.55 | Crystal outside shoulder |
| EB (SB) |  |  |  |
| 597 | Stal195+35.83 | TO 1672+56.00 | Crystal Centerline Skip Dash |
| 33 | Sta 1474+30.74 | TO 1480+83.99 | Crystal outside shoulder |
| 18 | Sta1477+27.04 | TO 1480+83.99 | Rest Area Exit - 2 Crystal outside gore stripes |
| WB (NB) Rest Area |  |  |  |
| - 6 | Sta 6+68.10 | TO8+78.66 | Amber inside shoulder |
| EB (SB) Rest Area |  |  |  |
| 6 | Sta6+83.04 | TO9+01.40 | Amber inside shoulder |

$x 0322288$ MEDIAN CLOSURE

x0322936 REMOVE EXISTING FLARED END SECTION


X0324589 PIPE UNDERDRAIN OUTLET EXTENSION FOR 4" PIPE

| EACH | LOCATION |  |  |
| :---: | :---: | :---: | :---: |
| WB (NB) |  |  |  |
| 35 | Sta. $1285+65.00$ | то | 1672+56.00 |
| EB (SB) |  |  |  |
| 35 | Sta. 1285+65.00 | то | 1672+56 |

REMARKS
If Needed
If Needed

X0326650 FILLING EXISTING RUMBLE STRIP

| FOOT | LOCATION |  | REMARKS |
| :---: | :---: | :---: | :---: |
| Stage 1 |  |  |  |
| WB (NB) |  |  |  |
| 2,208.39 | Sta. $1222+89.65$ | TO 1244+98.04 | Outside Shoulder |
| 177.00 | Sta. $1224+68.60$ | тO 1226+45.60 | Inside Shoulder |
| 2,311.46 | Sta. $1251+84.38$ | тO 1274+95.84 | Outside Shoulder |
| 8,970.99 | Sta. 1280+65.08 | TO 1370+36.07 | Outside Shoulder |
| 5,092.85 | Sta. 1371+78.32 | TO 1422+71.17 | Outside Shoulder |

Outside Shoulde
Outside Shoulder
Outside Shoulder
Inside Shoulder
Inside Shoulder

Inside Shoulder Inside Shoulder

Outside Shoulder Outside Shoulde Outside Shoulder Outside Shoulde Outside Shoulde Outside Shoulde Inside Shoulder
Outside Shoulder

## REMABKS

1-White Centerline Skip Dash 1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1-White Centerline Skip Dash 1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1 -white Centerline Skip Dash
1-White Solid Outside Edge Line
1-Yellow Solid Inside Edge Line 1-White Outside Skip Dash
1-White Solid Outside Edge Line
IL 81 Exit - 2 -White Outside Gore Stripe IL 81 Exit . White Gore Diagonal Stripes 1 -White Centerline Skip Dash
White Solid Outside Edge Line
1-Yellow Solid Inside Edge Line
1-Yellow Solid Inside Edge Line 1-White Centerline Skip Dash
-Yellow Solid Inside Edge Line 1-White Centerline Skip Dash 1-Yellow Solid Inside Edge Line

## x0327980 PAVEMENT MARKING REMOVAL - WATER BLASTING

| SQ FT | location |  | REMARKS |
| :---: | :---: | :---: | :---: |
| Stage 1 |  |  |  |
| WB (NB) |  |  |  |
| 818.56 | Sta. $1220+16.53$ | TO 1285+65.00 | 1-White Centerline Skip Dash |
| 736.13 | Sta. $1222+89.65$ | TO 1244+98.04 | 1-White Solid Outside Edge Line |
| 2,032.13 | Sta. $1224+68.60$ | TO 1285+65.00 | 1-Yellow Solid Inside Edge Line |
| 133.33 | Sta. $1249+84.38$ | TO 1251+84.38 | 1-White Outside Skip Dash |
| 770.56 | Sta. $1251+84.38$ | тO 1274+96.05 | 1-White Solid Outside Edge Line |
| 504.16 | Sta. $1274+96.05$ | TO $1278+74.17$ | IL 81 Exit - 2 -White Outside Gore Stripe |
| 166.64 | Sta. $1280+65.08$ | тO 1285+65.00 | 1-White Solid Outside Edge Line |
| 234.50 | Sta. 1361+65.00 | TO $1380+41.00$ | 1-White Centerline Skip Dash |
| 625.33 | Sta. 1361+65.00 | TO $1380+41.00$ | 1-White Solid Outside Edge Line |
| 625.33 | Sta. 1361+65.00 | то 1380+41.00 | 1-Yellow Solid Inside Edge Line |
| 222.50 | Sta. 1414+70.00 | TO 1432+50.00 | 1 -White Centerline Skip Dash |
| 593.33 | Sta. $1414+70.00$ | TO 1432+50.00 | 1-White Solid Outside Edge Line |
| 593.33 | Sta. $1414+70.00$ | то 1432+50.00 | 1-Yellow Solid Inside Edge Line |
| 235.75 | Sta. $1621+90.00$ | то 1640+76.00 | 1-White Centerline Skip Dash |
| 628.67 | Sta. 1621+90.00 | то 1640+76.00 | 1-White Solid Outside Edge Line |
| 628.67 | Sta. 1621+90.00 | TO 1640+76.00 | 1-Yellow Solid Inside Edge Line |
| 46.26 | Sta. 1672+56.00 | TO $1676+26.04$ | 1-White Centerline Skip Dash |
| EB (SB) |  |  |  |
| 633.98 | Sta. $1195+35.83$ | TO 1246+07.70 | 1-White Centerline Skip Dash |
| 61.51 | Sta. 1219+56.46 | TO 1221+41.00 | 1-Yellow Solid Inside Edge Line |
| Stage 2 |  |  |  |
| WB (NB) |  |  |  |
| 292.09 | Sta. $1676+26.04$ | TO 1699+62.73 | 1-White Centerline Skip Dash |
| 339.99 | Sta. $1686+29.50$ | TO 1688+84.49 | IL 17 Entrance - 2-White Outside Gore Stripe |
| EB (SB) |  |  |  |
| 408.13 | Sta. $1253+00.00$ | TO 1285+65.00 | 1-White Centerline Skip Dash |

# X6024503 INLETS TO BE ADJUSTED WITH NEW FRAME AND GRATE (SPECIAL) 

| EACH |  |  | LOCATION | OFFSE | ET | (FT) | REMARKS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| WB (NB) Rest Area |  |  |  |  |  |  |  |
|  | 1 | Sta | . $12+46.03$ | 24. | 6 R | RT |  |
| EB (SB) Rest Area |  |  |  |  |  |  |  |
|  | 1 | Sta | 14+87.70 | 22. | . 8 R |  |  |
|  | 1 | Sta | $15+06.61$ | 22. | . 5 R |  |  |
| 3 Total |  |  |  |  |  |  |  |

X7030005 TEMPORARY PAVEMENT MARKING REMOVAL

| SO FI | LOCATION |  | REMARKS |
| :---: | :---: | :---: | :---: |
| After Stage 1 |  |  |  |
| WB (NB) |  |  |  |
| 221.26 | Sta. $1220+16.53$ | TO 1226+80.30 | 1-Yellow Solid Inside Edge Line |
| 130.22 | Sta. 1222+89.65 | TO 1226+80.30 | 1-White Solid Outside Edge Line |
| 1,211.83 | Sta. 1226+80.30 | то $1244+98.04$ | 2-White Solid Outside Edge Line |
| 305 | Sta. $1226+80.30$ | TO $1291+39.0$ |  |

276.35 Sta. $1284+65.00$ TO $1292+94.04$ 243.01 Sta. $1285+65.00$ то $1292+94.04$ $921.24 \quad$ Sta. $1661+20.77$ TO $1688+84.49$ 264.43 Sta. $1661+20.77$ TO $1669+14.07$ 630.53 Sta. $1684+11.59$ To $1688+84.49$ $\begin{aligned} 26.55 & \text { Sta. } 168884.49 \\ 346.14 & \text { Sta. } 1689+24.32\end{aligned}$ TO $1699+62.73$

1,331.35 Sta. $1253+00.00$ TO $1292+94.04$ 147.98 Sta. $1288+50.11$ TO $1292+94.04$ $24,551.15$ Sta. $1292+94.04$ то $1661+20.77$ $24,551.15$ Sta. $1292+94.04$ то $1661+20.77$ 110.07 Sta. $1661+20.77$ то $1664+50.98$ 287.60 Sta. $1661+20.77$ то $1669+83.56$ After Post Stage
WB (NB)
71.75 Sta.1285+65.00 то $1291+39.00$ 191.33 Sta. $1285+65.00$ то $1291+39.00$ 191.33 Sta. $1285+65.00$ то $1291+39.00$ 127.52 Sta. $1662+35.84$ то $1672+56.00$ 340.05 Sta. $1662+35.84$ то $1672+56.00$ 340.05 Sta. $1662+35.84$ TO $1672+56.00$

EB (SB)
127.52 Sta. $1662+35.84$ то $1672+56.00$ 340.05 Sta. $1662+35.84$ TO $1672+56.00$ 340.05 Sta. $1662+35.84$ TO $1672+56.00$

White Solid Outside Edge Line

- White Outside Skip Dash

2-White Solid Outside Edge Line
1 -White Solid Outside Edge Line
IL 81 Exit - 2 -White Outside Gore Stripe IL 81 Exit - White Gore Diagonal Stripes 2-White Solid Outside Edge Line -White Solid Outside Edge Line

1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line
IL 81 Exit - 2 -White Outside Gore Stripe IL 81 Exit - White Gore Diagonal Stripes 2-White Solid Outside Edge Line
1-White Solid Outside Edge Line
1-White Solid Outside Edge Line
1-Yellow Solid Inside Edge Line

1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line Yeit Entrance 2 white 3-White Solid Outside Edge Line 1 -White Solid Outside Edge Line

1-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 2-White Solid Outside Edge Line 2-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line

1-White Centerline Skip Dash
1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1 -White Centerline Skip Dash 1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line

1-White Centerline Skip Dash
1-White Solid Outside Edge Line
1-Yellow Solid Inside Edge Line

Sta. 1591+00.09 то 1591+50.09 Sta. $1614+09.29$ TO $1614+59.29$ NSIDE SHOULDER
Sta. $1374+29.31$ TO $1374+79.31$ Sta. 1426+49.96 TO 1426+99.96 Sta. 1604+16.50 TO 1604+66.50 Sta. $1636+54.22$ TO $1637+04.22$ 8 TOTAL
inside Shoulder
Inside Shoulder
Inside Shoulder
Inside Shoulder
Inside Shoulder
Inside Shoulder

X7830060 GROOVING FOR RECESSED PAVEMENT MARKING. LETTERS AND SYMBOLS

| SQ FT | LOCATIon | OFFSET (FT) | REMARKS |  |
| :---: | :---: | :---: | :---: | :---: |
| WB (NB) Rest Area |  |  |  |  |
| 3.10 | Sta. 13+78.48 | 9.42 RT | White Handicap | Symbol |
| 3.10 | Sta. 14+05.72 | 9.26 RT | White Handicap | Symbol |
| 3.10 | Sta. 15+08.02 | 58.45 LT | White Handicap | Symbol |
| 3.10 | Sta. 15+54.94 | 60.85 LT | White Handicap | Symbol |
| EB (SB) Rest Area |  |  |  |  |
| 3.10 | Sta. 14+80.43 | 12.33 RT | White Handicap | Symbol |
| 3.10 | Sta. 15+01.16 | 12.25 RT | White Handicap | Symbol |
| 3.10 | Sta. 16+10.72 | 57.31 LT | White Handicap | Symbol |
| 3.10 | Sta. 16+49.55 | 66.99 LT | White Handicap | Symbol |

X7830070 GROOVING FOR RECESSED PAVEMENT MARKING 5"

|  | LOCATION |  |  |
| :---: | :---: | :---: | :---: |
|  | wB (NB) |  |  |
| 2,208.39 | Sta $1222+89.65$ | то | 1244+98.04 |
| 13,696.40 | Sta $1224+68.60$ | то | 1361+65.00 |
| 50.00 | Sta 1249+84.38 | то | 1251+84.38 |
| 2,311.67 | Sta $1251+84.38$ | то | 1274+96.05 |
| 8,099.92 | Sta 1280+65.08 | то | 1361+65.00 |
| 3,376.00 | Sta 1380+41.00 | то | $1414+17.00$ |
| 3,376.00 | Sta 1380+41.00 | то | 1414+17.00 |
| 18,940.00 | Sta 1432+50.00 | то | 1621+90.00 |
| 18,940.00 | Sta 1432+50.00 | то | 1621+90.00 |
| 50.00 | Sta 1548+04.68 | то | 1550+04.68 |
| 3,180.00 | Sta 1640+76.00 | то | 1672+56.00 |
| 3,180.00 | Sta 1640+76.00 | то | $1672+56.00$ |
| EB (SB) |  |  |  |
| 184.54 | Sta 1219+56.46 | то | 1221+41.00 |
| 7,595.00 | Sta 1285+65.00 | то | 1361+60.00 |
| 7,595.00 | Sta 1285+65.00 | то | 1361+60.00 |
| 3,383.00 | Sta 1380+46.00 | то | $1414+29.00$ |
| 3,383.00 | Sta $1380+46.00$ | то | 1414+29.00 |
| 18,976.00 | Sta 1432+34.00 | то | $1622+10.00$ |
| 18,976.00 | Sta 1432+34.00 | то | 1622+10.00 |
| 3,207.00 | Sta 1640+49.00 | то | 1672+56.00 |
| 207.00 | Sta 1640+49.00 |  | 1672+56.00 |

## REMARKS

1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1-White Outside Skip Dash
1-White Solid Outside Edge Line 1 - White Solid Outside Edge Line 1 -White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Lin 1-White Outside Skip Dash
1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line

1-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 1 -Yellow Sol Outside Edge Line 1-White Solid Outside Edge Lin 1-White Solid Outside Edge Line 1-Yellow Sold Inside Edge Line 1-White Solid Outside Edge Line -Yellow Solid Inside Edge Line -White Solid Outside Edge Line

```
WB (NB) Rest Area
    435.05 Sta6+68.10
    435.05 Sta6+68.10
    108.48 Sta11+03.15
    926.54 Sta11+03.15
    245.37 Sta11+78.82
    81.22 Stal1+77.82
    27.00 Sta12+36.68
    286.00 Sta 12+94.04
    158.15 Sta13+50.91
    110.19 Sta14+18.34
    663.24 Sta14+20.18
    339.71 Sta14+29.44
    .080.00 Sta 15+16.32
    201.24 Sta17+81.03
    422.28 Sta 18+05.37
    229.87 Sta20+54.55
    229.87 S
    528.38 Sta 6+83.04
    528.38 Sta 6+83.04
    528.38 Sta 6+83.04
    108.75 Sta 12+11.42
    921.93 Sta 12+11.42
    245.96 Sta12+78.14
    78.62 Sta 12+78.14
    270.00 Sta13+37.27
    286.00 Sta 13+94.93
    155.71 Sta14+51.09
    677.67 Sta 15+15.06
    109.28 Sta 15+20.40
    333.17 Sta15+52.73
    1,080.00 Stal6+19.15
    422.28 Sta 19+05.75
    189.63 Sta 19+08.06
    237.54 Sta21+61.22
- 237.54
```

TO $11+03.15$ TO $11+03.15$ TO $12+11.98$ TO $20+54.55$ TO $14+31.91$ TO $12+71.38$ TO $13+39.33$ TO $14+08.14$ TO $14+20.18$ TO $15+30.76$
TO $20+54.55$ TO $20+54.55$ TO $15+74.85$ TO $17+82.74$ TO $19+82.32$ TO $18+99.57$
TO $\quad 22+84.42$ TO $22+84.42$
TO $22+84.42$ TO $22+84.42$

TO $12+11.42$ TO $12+11.42$ TO $13+20.08$ TO $21+61.22$ TO $15+31.98$ TO $13+68.06$ TO $14+39.57$ TO $15+08.89$ TO $15+15.06$ TO $21+61.22$ TO $16+32.96$ TO $16+75.24$ TO $18+83.13$ TO $19+99.26$
TO $20+97.74$ TO $20+97.74$
TO $23+98.76$
TO $23+98.76$
-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line -Yellow Solid Inside Edge Line -White Solid Outside Edge Line -Yellow Solid Inside Edge Line 1-White Solid Line- 27' Parking Stalls 1-White Sold Line- 26 Parking Stall 1-Yellow Solid Line -No Parking Zone -Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line -Y enow Solid Line- No Parking Zone 1-White Solid Line- 90 Parking Stalls 1 -White Solid Outside Edge Line -Yellow Solid Line-Painted Median -Yell solid Outside Edge Line Yellow Solid Inside Edge Line

1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line 1-White Solid Outside Edge Line 1-Yellow Solid Inside Edge Line
1-White Solid Outside Edge Line -Yellow Sold Inside Edge Line 1-White Solid Line- 27 Parking Stalls 1 -Yell sow Solidine- 26 Parking Stall Yellow solid Line -No Parking Zonk
-White Solid Outside Edge Line Yen low Solid inside Edge Line while Solid Line Parking Zone -White Sold White Solid Outside Edge Line
-White Sold Outside Edge Line
hello Solid Inside Edge Line
Yellow Solid Inside Edge Line

X7830074 GROOVING FOR RECESSED PAVEMENT MARKING 7"


X7830076 GROOVING FOR RECESSED PAVEMENT MARKING 9"

## REMARK

1-White Outside Skip Dash
IL 81 Exit - 2-White Outside Gore Stripe 1-White Outside Skip Dash
Rest Area Exit - 2-White Outside Gore Strip IL 17 Entrance - 2 -White Outside Gore Stripe Rest Area Exit - 2-White Outside Gore Stripe 1 -white Outside Skip Dash


## REMARKS

IL 81 Exit - White Gore Diagonal Stripes Rest Area Exit - White Gore Diagonal Stripes Rest Area Exit - White Gore Diagonal Stripes Yellow No Parking Zone Diagonal Stripes Yellow No Parking Zone Diagonal Stripes Yellow Painted Median Diagonal Stripes

Yellow No Parking Zone Diagonal Stripes Yellow No Parking Zone Diagonal Stripes Yellow Painted Median Diagonal Stripes

SLOTTED DRAIN 24" WITH VARIABLE SLOT
$\frac{\text { FOOT }}{162.65} \quad$ Sta. $\frac{\text { LOCATION }}{1664+33.31}$
163 TOTAL TO $1665+95.96 \quad \frac{\text { OFFSET (FT) }}{0} \quad$ REMARKS


## X7830078 GROOVING FOR RECESSED PAVEMENT MARKING 13" <br> 者

 180.31 Sta $1477+27.04$ TO $1480+83.99$144.87 Sta

Sta $13+50.91$
TO $14+20.18$ TO $15+74.85$
125.82 Sta $14+51.09$ TO $15+15.06$ 274.62 Sta $15+52.73$ TO $16+75.24$ 1,908 TOTAL
Rest Area Exit - White Gore Diagonal Stripes
Rest Area Exit - White Gore Diagonal Stripes Cow Painted Median Diagonal Stripes Yellow Painted Median Diagonal Stripes






## REMARKS

1-White Center line Skip Dash 1-White Centerline Skip Dash

1-White Centerline Skip Dash 1-White Centime Skip Dash 1-white Center line Skip Dash
12.862 TOTAL


| Station |  |  |  |  |  | 25100630 |  |  |  | 25100900 |  |  |  | 28000250 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | EROSIon Control blanket |  |  |  | TURF REINFORCEMENT MAT |  |  |  | TEMP EROSIon Control seeding |  |  |  |
|  |  |  |  |  |  | NB |  | SB |  | NB |  | SB |  | NB |  | SB |  |
|  |  |  |  |  |  | OUTS IDE | INS IDE | INS IDE | OUTS IDE | OUTS IDE | INSIDE | INSIDE | OUTS IDE | OUTS IDE | INSIDE | INSIDE | OUTS IDE |
|  |  |  | - 74 |  |  | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | POUND | POUND | POUND | POUND |
| STA | $1285+50$ | . 00 | - STA | $1295+00$ | . 00 | 0 | 1,383.44 | 1,581.67 | 0 | 0 | 0 | 0 | 0 | 0 | 343.00 | 392.15 | 0 |
| STA | $1285+65$ | . 00 | - STA | 1361+60 | . 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| STA | 1319+50 | . 00 | - STA | $1345+00$ | . 00 | 554.88 | 0 | 0 | 672.29 | 2,919.85 | 0 | 0 | 1,576.96 | 861.50 | 0 | 0 | 566.56 |
| STA | $1366+50$ | . 00 | - STA | $1370+50$ | . 00 | 0 | 0 | 112.44 | 139.89 | 0 | 0 | 0 | 0 | 0 | 0 | 27.88 | 34.68 |
| STA | $1372+00$ | . 00 | - STA | $1375+50$ |  | 124.36 | 77.61 | 0 | 0 | 50.47 | 0 | 0 | 0 | 43.35 | 19.24 | 0 | 0 |
| STA | $1380+41$ | . 00 | - STA | $1414+29$ | . 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| STA | $1418+50$ | . 00 | - STA | $1423+00$ | . 00 | 0 | 0 | 72.56 | 238.83 | 0 | 0 | 0 | 0 | 0 | 0 | 17.99 | 59.21 |
| STA | $1424+00$ | . 00 | - STA | 1427+50. | . 00 | 133.67 | 68.72 | 0 | 0 | 0 | 0 | 0 | 0 | 33.14 | 17.04 | 0 | 0 |
| STA | $1432+50$ | . 00 | - STA | $1622+10$ | . 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| STA | $1466+00$ | . 00 | - STA | $1481+50$ | . 00 | 190.33 | 0 | 0 | 1,481.53 | 536.28 | 0 | 0 | 592.92 | 180.15 | 0 | 0 | 514.33 |
| STA | $1525+50$ | . 00 | - STA | $1535+00$ | . 00 | 1,555.49 | 13.89 | 13.89 | 1,030.67 | 303.18 | 0 | 0 | 138.67 | 477.56 | 3.44 | 3.44 | 289.92 |
| STA | 1561+50 | . 00 | STA | $1580+50$ | . 00 | 715.39 | 0 | 0 | 353.76 | 107.39 | 0 | 0 | 377.74 | 203.99 | 0 | 0 | 181.36 |
| STA | 1589+50 | . 00 | STA | 1608+00 | . 00 | 433.08 | 354.51 | 342.00 | 516.78 | 496.47 | 764.93 | 202.94 | 763.08 | 230.47 | 277.55 | 135.11 | 321.63 |
| STA | $1614+50$ | . 00 | - STA | $1630+50$ | . 00 | 165.00 | 513.75 | 749.19 | 615.61 | 1,407.33 | 593.83 | 274.03 | 669.03 | 389.83 | 276.56 | 253.69 | 321.10 |
| STA | $1632+00$ | . 00 | - STA | $1636+00$ | . 00 | 206.00 | 182.67 | 10.44 | 0 | 0 | 0 | 0 | 0 | 51.07 | 45.29 | 2.59 | 0 |
| STA | $1640+49$ | . 00 | - STA | 1672+56. | . 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| STA | $1660+00$ | . 00 | - STA | $1669+50$ | . 00 | 0 | 1173.33 | 1072.61 | 0 | 0 | 0 | 0 | 0 | 0 | 290.91 | 265.94 | 0 |
| WB/NB REST AREA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STA | 10+78.00 | 00 | STA | 20+80.00 |  | 53.78 | 295.00 | 0 | 0 | 0 | 0 | 0 | 0 | 13.33 | 73.14 | 0 | 0 |
| Eb/Sb Rest area |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STA | 11+86.00 | 00 | STA | 21+86.00 |  | 0 | 0 | 278.08 | 87.33 | 0 | 0 | 0 | 0 | 0 | 0 | 68.95 | 21.65 |
| STA | 14+37.09 | 09 | - STA | 19+09.41 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| STA | 18+94.4 | 44 | - STA | 19+81.1 |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $\frac{\text { SUB-TOTAL }}{\text { TOTAL }}$ |  |  |  |  |  | 4,131.97 | 4,062.93 | 4,232.89 | 5,136.69 | 5,820.97 | 1,358,76 | 476.97 | 4,118.39 | 2,484.41 | 1,346.17 | 1,167.73 | 2,310.44 |
|  |  |  |  |  |  | 17,565 |  |  |  | 11,776 |  |  |  | 7,309 |  |  |  |

NOTES

1) When proposed slope is steeper than 3:1, use turf reinforcement mat. otherwise use erosion control blanket
2) DO NOT MOW PROPOSED SLOPES GREATER THAN $1: 2.5$





|  |  |  | 30300112 | 40600275 | 40600290 | 40600295 | 40600829 | 40603085 |  |  | 40603340HMASURF. CSE.MIX "D", N70$1.5^{\prime \prime}$ | $\begin{gathered} 42000501 \\ \hline \text { PCC PVMT } \\ 10 " \\ (\text { JINTED }) \end{gathered}$ | $\begin{gathered} 44000100 \\ \begin{array}{c} \text { PVMT } \\ \text { REMOVAL } \end{array} \\ \hline \end{gathered}$ | 44004250 | 44000159 <br> HMA SURF <br> REM $2.5 "$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| STATIONING | remarks | AREA |  | BIT MAT (PRIME COAT) | $\begin{aligned} & \text { BIT MAT } \\ & \text { (TACK } \\ & \text { COAT) } \end{aligned}$ |  |  | $\begin{array}{\|c} \hline \text { HMA BINDER } \\ \text { CSE, } \\ \text { IL 19.0, } \\ \text { N70, } 8 \text { " } \\ \hline \text { TOM } \\ \hline \end{array}$ |  |  | $\begin{aligned} & \text { PAVED } \\ & \text { SHLDR } \\ & \text { REMOVAL } \end{aligned}$ |  |  | GEOTECH REINF |  |  |
|  |  | SQ YD | SQ YD | POUND | POUND | POUND | TON | TON | TON | TON |  |  | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD | SQ YD |
| STA. 1285+78.37-1294+85.92 | CROSSOVER (AGG SUBGRADE) | 1,454.78 | 1,454.78 |  |  |  |  |  |  | 26.38 |  |  |  | 235.54 |  | 235.54 |  |
| STA. 1285+78.37-1294+85.92 | CROSSOVER (HMA PAVEMENT) | 1,327.28 |  | 2,986.38 |  |  |  | 594.62 |  |  | 250.86 |  | 1,327.28 |  |  |  | 1,327.28 |
| STA. 1306+00.00 | U-TURN AREA | 286.78 |  |  |  | 193.58 | 16.06 |  | 24.09 |  |  |  |  |  | 286.78 |  |  |
| STA. $1458+00.00$ | U-TURN AREA | 216.44 |  |  |  | 146.10 | 12.12 |  | 18.18 |  |  |  |  |  | 216.44 |  |  |
| STA. 1524+71.00 | U-TURN AREA | 220.89 |  |  |  | 149.10 | 12.37 |  | 18.55 |  |  |  |  |  | 220.89 |  |  |
| STA. $1664+00.00$ | U-TURN AREA | 220.67 |  |  |  |  |  |  |  |  |  |  | 220.67 |  |  |  |  |
| STA. 1660+45.84-1669+83.43 | CROSSOVER (AGG SUBGRADE) | 3,256.22 | 3,256.22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STA. 1660+45.84-1669+83.43 | CROSSOVER (PCC PAVEMENT) | 3,082.84 |  |  |  |  |  |  |  |  |  | 3,082.84 |  |  |  |  | 2,708.59 |
| STA. 1660+45.84-1669+83.43 | CROSSOVER (SHOULDERS) | 849.11 |  |  | 382.10 |  |  |  |  | 95.10 |  |  |  | 833.41 |  | 849.11 |  |
| SUB-TOTAL |  |  | 4,711.00 | 2,986.38 | 382.10 | 488.78 | 40.55 | 594.62 | 60.83 | 121.48 | 250.86 | 3,082.84 | 1,547.95 | 1,068.95 | 724.11 | 1,084.65 | 4,035.87 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL |  |  | 4,711 | 8,112 | 14,159 | 266,054 | 41 | 595 |  | 318 | 251 | 3,083 | 1,548 | 1,707 | 725 | 10,839 | 4,891 |


| stationing |  |  |  |  | remarks |  | $\begin{array}{\|c\|} \hline \text { Length } \\ \hline \text { FOOOT } \\ \hline \end{array}$ | $\frac{\text { WIDTH }}{\text { MA INLINE }}$ |  |  | $\begin{array}{\|c\|} \hline 44200529 \\ \hline \text { CLASS A } \\ \text { PATCHES, } \\ \text { TY } 11,8 \text { in } \end{array}$ | 44200533 <br> CLASS A <br> PATCHES, <br> TY III, 8 IN | $\begin{array}{\|l\|} \hline 44200535 \\ \hline \text { CLASS A } \\ \text { PATCHES, } \\ \text { TY IV, } 8 \text { IN } \\ \hline \end{array}$ | 44213000 <br> PATCH REIN <br> FORECEMENT | $\left\|\begin{array}{\|c\|} \hline 44213200 \\ \text { SAW COTS } \\ (4 W+2 L) \end{array}\right\|$ | $\begin{array}{\|c\|} \hline 44213204 \\ \hline \text { TIE BARS, } \\ 3 / 4^{\prime \prime} \end{array}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | OUTS IDE INS IDE |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | foot | FOOT |  |  | SQ YD | SQ YD |  | SQ YD | Foot | EACH | SQ YD |  |  |
| STA. | 1292+27.9 | 98 | 1292+35. | . 98 |  |  | WE | (NB) | 8 | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
| STA. | 1292+84. | 69 | 1292+94. | . 69 |  |  | WB | (NB) | 10 |  | 12 | 2.67 | 13.33 |  |  | 13.33 | 58 |  | 2.67 |
| STA. | 1311+63. | 58 | 1311+81. | . 58 | WE ( | (NB) | 18 | 12 |  | 4.80 |  | 24.00 |  | 24.00 | 66 |  | 4.80 |
| STA. | 1314+51. | 42 | $1314+59$. |  | wB ( | (NB) | 8 | 12 |  | 2.13 | 10.67 |  |  | 10.67 | 56 |  | 2.13 |
| STA. | 1331+72. | 53 - | 1331+82. |  | WE | (NB) | 10 | 12 | 12 | 5.33 | 26.67 |  |  | 26.67 | 106 |  | 5.33 |
| STA. | $1339+30$. | 71 | $1339+36$. |  | wB ( | (NB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1353+92$. | 14 | 1354+14. |  | WB ( | (NB) | 22 | 12 | 12 | 11.73 |  |  | 58.67 | 58.67 | 118 | 10 | 11.73 |
|  | 1389+14.5 | 54. | 1389+20. |  |  | (NB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1395+53.4$ | 43 | $1395+59$. | . 43 | WB ( | (NB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
|  | $1410+74$. | 56 | $1410+88$. |  |  | (NB) | 14 | 12 | 12 | 7.47 |  | 37.33 |  | 37.33 | 110 |  | 7.47 |
| STA. | 1433+91. | 85 | $1434+03$. | . 85 | WE ( | (NB) | 12 | 12 | 12 | 6.40 |  | 32.00 |  | 32.00 | 108 |  | 6.40 |
|  | $1466+61$. | 01 | $1466+69$. |  |  |  | 8 | 12 |  | 2.13 | 10.67 |  |  | 10.67 | 56 |  | 2.13 |
| STA. | $1500+06$. | 08 | $1500+12$. |  | we ( | (NB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
|  | 1621+55. | 48. | $1621+63$. |  |  |  | 8 | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
| STA. | 1641+61.5 | 57 | 1641+69.5 |  | WB ( | (NB) | 8 |  | 12 | 2.13 | 10.67 |  |  | 10.67 | 56 |  | 2.13 |
|  | $1645+15$. | 39 - | $1645+25$. |  |  | (NB) | 10 | 12 | 12 | 5.33 | 26.67 |  |  | 26.67 | 106 |  | 5.33 |
| STA. | $1651+26.6$ | 62 | $1651+32.6$ | . 62 | wB | (NB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | 1654+86. | 45 | $1655+16$. | . 45 | WB ( | (NB) | 30 | 12 | 12 | 16.00 |  |  | 80.00 | 80.00 | 126 | 14 | 16.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| STA. | 1288+08. | 12 | 1288+22. | . 12 |  | (SB) | 14 | 12 | 12 | 7.47 |  | 37.33 |  | 37.33 | 110 |  | 7.47 |
| STA. | $1293+76$. | 74. | 1293+84. |  | EB | (SB) | 8 |  | 12 | 2.13 | 10.67 |  |  | 10.67 | 56 |  | 2.13 |
| STA. | 1300+70. | 30 | 1300+76. | . 30 |  | (SB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
|  | 1319+03. | 69 | 1319+31. |  |  | (SB) | 28 | 12 | 12 | 14.93 |  |  | 74.67 | 74.67 | 124 | 13 | 14.93 |
| STA. | 1322+07. | 84 | $1322+17$. | . 84 |  | (SB) | 10 | 12 | 12 | 5.33 | 26.67 |  |  | 26.67 | 106 |  | 5.33 |
|  | 1324+32.2 | 24 | 1324+38 |  |  | (SB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | 1355+71. | 86 | $1355+77$. | . 86 | EB ( | (SB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
|  | 1359+02. | 61 . | 1359+10. |  |  |  | 8 |  | 12 | 2.13 | 10.67 |  |  | 10.67 | 56 |  | 2.13 |
| STA. | 1359+18. | 56 | 1359+24. |  | EB | (SB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
|  | 1359+93. | 03 - | $1360+05$. |  |  |  | 12 | 12 |  | 3.20 |  | 16.00 |  | 16.00 | 60 |  | 3.20 |
| STA. | $1360+96$. | 70 | $1361+10$. |  | EB | (SB) | 14 | 12 | 12 | 7.47 |  | 37.33 |  | 37.33 | 110 |  | 7.47 |
|  | 1381+73.0 | 02 | $1381+98$. |  |  | (SB) | 25 | 12 | 12 | 13.33 |  |  | 66.67 | 66.67 | 121 | 12 | 13.33 |
| STA. | 1382+71. | 13 . | 1382+77. |  |  | (SB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1386+67.0$ | 02 | $1386+73$. |  |  | (SB) | 6 | 12 | 12 | 3.20 | 16.00 |  |  | 16.00 | 102 |  | 3.20 |
| STA. | 1387+26. | 55. | 1387+32. | . 55 |  | (SB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | 1390+03. | 50 | 1390+09. |  |  | (SB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1392+50$. | 67 - | $1392+70$. |  | EB | (SB) | 20 | 12 | 12 | 10.67 |  |  | 53.33 | 53.33 | 116 | 9 | 10.67 |
| STA. | 1395+61. | 27 | $1395+69$. |  |  | (SB) | 8 | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
|  | $1396+48$. | 86 | $1396+60$. |  |  | (SB) | 12 |  | 12 | 3.20 |  | 16.00 |  | 16.00 | 60 |  | 3.20 |
| STA. | 1401+89.62 | 62 | 1401+97.62 |  |  | (SB) | 8 | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
|  | $1407+09$. | 13. | $1407+19$. |  |  | (SB) | 10 | 12 | 12 | 5.33 | 26.67 |  |  | 26.67 | 106 |  | 5.33 |
| STA. | 1411+96.8 | 82 | $1412+04$. |  |  | (SB) | 8 | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
|  | $1412+64$. | 19 - | $1412+74$. |  |  | (SB) | 10 | 12 |  | 2.67 | 13.33 |  |  | 13.33 | 58 |  | 2.67 |
| STA. | $1413+76$. | 70 | $1413+82$. |  | EB ( | (SB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
|  | $1434+99.0$ | 02 | $1435+13$. |  |  |  | 14 | 12 | 12 | 7.47 |  | 37.33 |  | 37.33 | 110 |  | 7.47 |
| STA. | $1437+67.6$ | 65. | $1437+75.6$ | . 65 | EB | (SB) | 8 | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
| STA. | $1448+60.9$ | 93 | $1448+72.9$ |  |  |  | 12 | 12 |  | 3.20 |  | 16.00 |  | 16.00 | 60 |  | 3.20 |
| STA. | $1468+77.5$ | 54 - | $1468+83$. | . 54 | EB | (SB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1481+03$. | 64 | $1481+09.6$ |  |  | (SB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1482+48$. | 49 | $1482+64$. | 49 | EB ( | (SB) | 16 | 12 | 12 | 8.53 |  | 42.67 |  | 42.67 | 112 |  | 8.53 |
| STA. | 1486+79. | 59 | $1486+85$. | . 59 |  | (SB) | 6 | 12 |  | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1500+10$. | 40 | $1500+16$. | . 40 | EB | (SB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1503+52$. | 17 - | $1503+58$. |  |  | (SB) | 6 | 12 | 12 | 3.20 | 16.00 |  |  | 16.00 | 102 |  | 3.20 |
| STA. | 1513+31. | 04 | $1513+49$. | 04 | EB (S) | (SB) | 18 | 12 | 12 | 9.60 |  | 48.00 |  | 48.00 | 114 |  | 9.60 |
| STA. | 1534+20. | 15 | $1534+28$. |  | EB ( | (SB) | 8 |  | 12 | 2.13 | 10.67 |  |  | 10.67 | 56 |  | 2.13 |
| STA. | $1539+20$. | 04 | $1539+28$. |  |  | (SB) |  | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
| STA. | $1543+26.6$ | 62 | $1543+34.6$ |  | EB | (SB) |  | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
| STA. | 1609+89. | 50 | 1609+95. |  |  | (SB) | 6 | 12 | 12 | 3.20 | 16.00 |  |  | 16.00 | 102 |  | 3.20 |
| STA. | $1621+70$. | 82 . | $1621+76$. |  | EB | (SB) |  |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | 1642+83. | 73 | 1642+91. |  | EB | (SB) | 8 |  | 12 | 2.13 | 10.67 |  |  | 10.67 | 56 |  | 2.13 |
| STA. | 1651+69.0 | 07 . | $1651+75$. |  | EB (S | (SB) | 6 |  | 12 | 1.60 | 8.00 |  |  | 8.00 | 54 |  | 1.60 |
| STA. | $1654+65$. | 35 | $1654+73$. |  |  |  |  | 12 | 12 | 4.27 | 21.33 |  |  | 21.33 | 104 |  | 4.27 |
| STA. | $1657+03$. | 18 | $1657+13$. | . 18 | EB (S | (SB) | 10 | 12 | 12 | 5.33 | 26.67 |  |  | 26.67 | 106 |  | 5.33 |
|  |  |  |  |  |  |  |  |  | TOTAL | 260.80 | 626.67 | 344.00 | 333.33 | 1,304.00 | 4,931 | 58 | 260.80 |
|  |  |  |  |  |  |  |  |  | total | 855 | 627 | 344 | 334 | 1,542 | 9,312 | 499 | 4,891 |


| stationing |  |  |  | REMARKS | LENGTH | WIDT |  | 30300106 <br> AGG SUBG <br> IMPR, ${ }^{\prime \prime}$ <br> $(20 \%)$ | CLASS APACCHESTY 11,10 in | CLASS APATCHESTY III, 10 IN | $\begin{aligned} & \text { PATCH REIN- } \\ & \text { FORECEMENT } \end{aligned}$ | $\begin{gathered} \text { SAW CUTS } \\ (4 W+2 L) \end{gathered}$ | $\begin{gathered} \text { TIE BARS, } \\ 3 / 4 " 1 \end{gathered}$ | $\begin{array}{\|l\|} \hline \text { GEOOECH } \\ \text { REINF } \\ (20 \%) \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | MAINL INE <br> OUTS IDE INSIDE |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | FOOT | FOOT | FOOT |  | SQ YD |  | SQ YD | FOOT | EACH |  |
| STA | $1379+53.34$ | $1379+65$ |  | wB (NB) | 12 | 12 |  | 3.20 |  | 16.00 | 16.00 | 60 |  | 3.20 |
| STA | $1380+23.32$ | $1380+29$ |  | WB (NB) | 6 | 12 |  | 1.60 | 8.00 |  | 8.00 | 54 |  | 1.60 |
| STA | $1427+52.52$ | $1427+66$ |  | WB (NB) | 14 | 12 |  | 3.73 |  | 18.67 | 18.67 | 62 |  | 3.73 |
| STA | $1428+21.65$ | $1428+31$ | . 65 | WB (NB) | 10 | 12 |  | 2.67 | 13.33 |  | 13.33 | 58 |  | 2.67 |
|  |  |  |  |  |  | Sub | TOTAL | 11.20 | 21.33 | 34.67 | 56.00 | 234 | 0 | 11.20 |
|  |  |  |  |  |  |  | TOTAL | 855 | 22 | 35 | 1,542 | 9.312 | 499 | 4,891 |








$\underset{\substack{\text { control } \\ \text { andild }}}{\text { Point }}$

$\square$

HORIZONTAL CONTROL POINTS

| HORIZONTAL CONTROL POINTS |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| POINT | NORTH | EAST | elevation | Chain | Station | OFFSET | DESCRIPTION |
| 78113 | 1663775.4646 | 2251146.6691 | 781.0469 | 174 | $1485+30.4288$ | 0.0103' LT | VERTICAL CONTROL STATION, DISK |
| 78114 | 1654601.0724 | 2251103.6354 | 777.0803 | 174 | 1577+05.4675 | 3.8849' RT | Vertical control station, disk |
| 65722994 | 1679874.3414 | 2250683.4860 | 736.4623 | 174 | $1323+13.0299$ | 0.9596' LT | district network monument, PERM. SURVEY Marker |
| 77710176 | 1685820.6421 | 2252266.8742 | 746.7812 | IL81 | $135+63.39$ | 31.2371' LT | NGS MONUMENT, PERM. SURVEY MARKER |
| 65722993 | 1673899.6601 | 2251674.1601 | 679.3269 | 174 | 1383+69.6405 | $0.0905^{\prime}$ LT | district network monument, PERM. SURVEY Marker |
| Hen7o | 1670012.5114 | 2251693.9988 | 744.8800 | 174 | $1422+60.1864$ | 18.6142' RT | DISK, PERM. SURVEY MARKER |
| HEN71 | 1669868.8169 | 2251729.2535 | 747.8500 | 174 | $1424+03.3170$ | 18.864' LT | DISK, PERM. SURVEY MARKER |
| HEN72 | 1649073.3300 | 2250734.1200 | 804.3800 | I74SBND | $1632+50.71$ | 34.3683' RT | DISK, PERM. SURVEY MARKER |
| HEN73 | 1648011.4680 | 2250979.7200 | 811.2400 | 174SBND | $1643+32.51$ | 94.0755' LT | DISK, PERM. SURVEY MARKER |
| HEN74 | 1649036.9860 | 2251103.8950 | 809.6700 | 174NBND | $1632+72.80$ | 28.0914' LT | disk, PERM. SURVEY MARKER |


| REFERENCE TIES |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Point | NORTH | EAST | Chaln |  | Station |  | OfFSET |  | DESCRIPTION |  |
| 500 | 1663549.1900 | 2250967.8080 | Ebrestarea |  | $13+84.64$ |  | 53.8425' LT |  | TREE DECIIDUOUS |  |
| 501 | 1663553.4569 | 2250952.2374 | EBRESTAREA |  | $13+80.30$ |  | 38.2916' LT |  | MISC. CONCRETE SLAB, CORNER |  |
| 502 | 1663553.3763 | 2250957.0904 | EBRESTAREA |  | $13+80.41$ |  | 43.1442' |  | MISC. Concrete slab, CORNER |  |
| 503 | 1663311.6123 | 2250898.7851 | EBRESTAREA |  | $16+28.55$ |  | 25.0902' |  | BACK Of CURB LEFT |  |
| 504 | 1663310.7910 | 2250900.8670 | Ebrestarea |  | 16+29.37 |  | 27.2299' LT |  | baCk of Curb left |  |
| 505 | 1663318.2320 | 2250867.9010 | Ebrestarea |  | $16+24.65$ |  | 6.2915' RT |  | TREE DEciduous |  |
| 506 | 1663030.4340 | 2250870.3380 | EBRESTAREA |  | $19+11.75$ |  | 5.0076' RT |  | BACK Of CURB LEFT |  |
| 507 | 1662975.3940 | 2250864.8500 | EBRESTAREA |  | 19+66.06 |  | 11.1865' | ' RT MISC. | MISC. Concrete slab, CORNER |  |
| 508 | 1663048.7010 | 2250842.7250 | EBRESTAREA |  | 18+93.28 |  | 32.486' RT |  | TREE DECIDUOUS |  |
| REFERENCE TIES |  |  |  |  |  |  |  |  |  |  |
| Point | NORTH | EAST | Chaln |  | Station |  | OfFSET |  |  | DESCRIPTIION |
| 509 | 1656010.4650 | 2251362.3460 | WBRESTAREA |  | 12+46.83 |  | 24.2547' | CA | CATCH BASIN PEREMITER, CORNER |  |
| 510 | 1656017.7830 | 2251295.4980 | wBRESTAREA |  | $12+30.61$ |  | 41.9709' |  | TREE DECIDUOUS |  |
| 511 | 1656042.9790 | 2251298.9330 | WBrESTAREA |  | 12+74.03 |  | 41.2128' L | 't ${ }^{\text {LT }}$ MISC. | MISC. CONCRETE SLAB, CORNER |  |
| 512 | 1656290.4220 | 2251358.3630 | WBRESTAREA |  | $15+28.66$ |  | 26.8519' |  | BACK OF CURB RIGHT, CORNER |  |
| 513 | 1656289.5610 | 2251360.3340 | WBrestarea |  | 15+27.87 |  | 24.7979' |  | BACK Of CURB RIGHT, CORNER |  |
| 514 | 1656257.8070 | 2251336.6230 | WBRESTAREA |  | $14+78.43$ |  | $38.2404{ }^{\text {L }}$ |  | TREE DECIDOOUS |  |
| 515 | 1656286.4490 | 2251405.4340 | WBRESTAREA |  | $15+29.62$ |  | 20.3776' |  | TREE DEcIDUOUS |  |
| 516 | 1656563.1550 | 2251394.3920 | WBRESTAREA |  | $18+04.40$ |  | 5.1065' RT |  | BACK OF CURB RIGHT |  |
| 517 | 1656618.2530 | 2251401.3340 | WBrESTAREA |  | $18+59.00$ |  | $11.51911^{\prime}$ |  | MIIS. CONCRETE SLAB, CORNER |  |
| 518 | 1656569.6920 | 2251425.3350 | WBRESTAREA |  | 18+11.34 |  | 35.9605' | 'RT TR | TREE DECIDUOUS |  |
|  |  |  | SURVEY WORK POINTS |  |  |  |  |  |  |  |
| Point | NORTH | EAST |  |  |  |  |  |  | ET ${ }^{\text {deSCRIPTION }}$ |  |
| 100 | 1675089.8498 | 2251561.4503 | ELLVATION  <br> 684.6155 17 | CHAIN |  | 1371+77.00 |  | $\begin{gathered} \text { OFFSETT } \\ \hline 68.3715^{\prime} \text { LT } \end{gathered}$ | LT |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Point | NORTH | EAST |  |  |  |  |  |  |  | DESCRIPTION |
| Lin108 | 1663546.0050 | 2250953.7380 | 798.1166 | EBRESTAREA |  | 13+87.76 |  | 39.7581' LT |  | TOPO SURVEY Point, Pin |
| LiN109 | 1663314.2490 | 2250901.3020 |  | EBRESTAREA ${ }^{1}$ |  | $16+24.96$ |  | 27.345' LT |  | Topo Surver point, Pin |
| LTN110 | 1663027.3740 | 2250869.3880 | 795.3973 <br> 792528 | EBRESTAREA |  | 19+14.80 |  | 5.98' RT |  | TOPO SURVEY POINT, PIN |
|  |  |  | SURVEY WORK POINTS |  |  |  |  |  |  |  |
| Point | NORTH | EAST | Elevation | Chain |  | Station |  | OFFSET |  | DESCRIPTION |
| LN111 | 1656006.1230 | 2251304.1200 | 784.6304 $w$ <br> 784.6380 $w$ | WBRESTAREA |  | 12+18.68 |  | $28.6071{ }^{\text {L LT }}$ |  | TOPO SURVEY Point, Pin |
| LiN12 | 1656282.5320 | 2251355.3950 |  | wBRESTAREA |  | $15+18.22$ 2 |  | $28.6312^{\prime} \mathrm{LT}$ |  | TOPO SURVEY Point, Pin |
| LIN113 | 1656567.0740 | 2251395.3540 | 784.6380 W <br> 78088 w | WBRESTAREA |  | 8+08.33 |  | ${ }^{6.0167}{ }^{\text {' RT }}$ |  | TOPO SURVEY Point, Pin |


| BENCH MARKS |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| POINT | NORTH | EAST | ELEVATION | CHAIN | STATION | OFFSET |  |  |  |
| 400 | 1685782.4083 | 2247738.5532 | 757.7419 | 174 | $1264+30.6459$ | 2852.4009 RT | VERTICAL CONTROL STATION, CHISELED SQUARE |  |  |
| 455 | 1685795.5113 | 2250486.3620 | 762.9273 | 174 | $1263+85.7784$ | 104.9272 ' RT | VERTICAL CONTROL STATION, DISK |  |  |


| CURVE POINT NUMBERS |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| CHAIN | CURVE | Pl | CC | PC | PT |
| ${ }^{174}$ | 02906320 | 2906320 | 2906321 | 2906322 | 2906323 |
| 174 | 02906330 | 2906330 | 2906331 | 2906332 | 2906333 |
| 174 | 02906340 | 2906340 | 2906341 | 2906342 | 2906343 |
| 174 | 00298200 | 0298200 | 298201 | 298202 | 298203 |
| 74 | 00298210 | 0298210 | 298211 | 298212 | 298213 |
| ${ }^{174}$ | 00298220 | 0298220 | 298221 | 298222 | 298223 |


| CURVE POINT NUMBERS |  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
| CHAIN | CURVE | PI | CC | PC | PT |
| I74NBND | 00298260 | 0298260 | 298261 | 298262 | 298263 |
| I74NBND | 00298270 | 0298270 | 298271 | 298272 | 298273 |
| I74NBND | 00298280 | 0298280 | 298281 | 298282 | 298283 |


| CURVE POINT NUMBERS |  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
| CHAIN | CURVE | PI | CC | PC | PT |
| 177 SBND | 00298230 | 0298230 | 298231 | 298232 | 298233 |
| 174 SBND | 00298240 | 0298240 | 298241 | 298242 | 298243 |
| 174 SBND | 00298250 | 0298250 | 298251 | 298252 | 298253 |


| CURVE POINT NUMBERS |  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
| CHAIN | CURVE | PI | CC | PC | PT |
| EbRESTAREA | EBRA200 | BRA200 | 1 | 2 | 3 |
| EBRESTAREA | EBRA210 | BRA210 | 1 | 2 | 3 |
| EBRESTAREA | EBRA220 | BRA220 | 1 | 2 | 3 |
| EBRESTAREA | EBRA230 | BRA230 | 1 | 2 | 3 |
| EBRESTAREA | EBRA240 | BRA240 | 1 | 2 | 3 |
| EBRESTAREA | EBRA250 | BRA250 | 1 | 2 | 3 |
| EBRESTAREA | EBRA260 | BRA260 | 1 | 2 | 3 |
| EBRESTAREA | EBRA270 | BRA270 | 1 | 2 | 3 |


| CURVE POINT NUMBERS |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| CHAIN | CURVE | PI | CC | PC | PT |
| WBRESTAREA | WBRA200 | BRA200 | 1 | 2 | 3 |
| WBRESTAREA | WBRA210 | BRA210 | 1 | 2 | 3 |
| WBRESTAREA | WBRA220 | BRA220 | 1 | 2 | 3 |
| WBRESTAREA | WBRA230 | BRA230 | 1 | 2 | 3 |
| WBRESTAREA | WBRA240 | BRA240 | 1 | 2 | 3 |
| WBRESTAREA | WBRA250 | BRA250 | 1 | 2 | 3 |
| WBRESTAREA | WBRA260 | BRA260 | 1 | 2 | 3 |
| WBRESTAREA | WBRA270 | BRA270 | 1 | 2 | 3 |

HORIZONTAL \& VERTICAL CONTRO
eginning chain 174 description
Curve Data
Curve 02906320
P.I. Station $1210+80.5278$ N $1,691,099.7471$ E 2,250,652.6205

Delta $=3^{\circ} 11^{131} 19.0383^{\prime \prime}$ (RT
Degree $=0^{\circ} 09^{\prime} 13.1709^{\prime \prime}$
Tangent $=1,048.6901$
Length $=2,096.824^{\prime}$
ength $=2,096.8274^{\prime}$
Radius $=37,287.7200^{\prime}$
Radius $=37,287.720^{\prime}$
External $=14.7439^{\prime}$
ong Chord $=2,096.5511$
Mid. Ord. $=14.7381$ 1
$\begin{array}{llll}\text { P.C. Station } 1200+31.8377 & \mathrm{~N} 1,692,147.3910 & \text { E 2,250,605.7896 } \\ \text { P.T. Station } 1221+28.6651 & \mathrm{~N} 1,690,051.1272 & \mathrm{E} \\ \text { C } 250,250640.4955\end{array}$
$\begin{array}{ccc}\text { c.T. Station } 1221+28.6651 & N 1,690,051.1212 \\ \text { c.C. } 1,690,482.2501\end{array} \quad 2,213,355.2679$
Course from PT 02906320 to PC $02906330180^{\circ} 39^{\prime} 44.5277^{\prime \prime}$ Dist 8,201.988 ${ }_{*}^{\text {Curve Data }}$
Curve 02906330
36.1939 N 1,680,744.2203 E 2,250,532.8955

Detta $=10^{\circ} 17^{\prime} 26.1439^{\prime \prime}($ (LT)
Degree $=0^{\circ}$ 27' 59.995
Tangent $=1,105.5402$
-ength $=2,205.1335^{\prime}$
Radius $=12,277.700$
$\begin{array}{ll}\text { External }=49.6735 \\ \text {-ong Chord } & 2,202.1709\end{array}$
Mid. Ord. $=49.47331$
$\begin{array}{llll}\text { P.C. Station } 1303+30.6537 & \text { N } 1,681,849.6866 & \text { E } 2,250,545.678\end{array}$

Course from PT 02906330 to PC $02906340170^{\circ} 22^{\prime} 19.3355^{\prime \prime}$ Dist 5,139.0153
Curve Data

Curve 02906340
I. Statio 130 . 0.7327 N 1.673.473.6083 E 2,251,766.2813

Tangent $=1,129.9301$
Length $=2,12,27.123$
Radius $=12,277.7000$
External $=51.8847^{\prime}$
Long Chord $=2.250 .3$
-ong Chord $=2,250.3504$
Mid. Ord. $=51.66644^{\prime}$

$\begin{array}{cccc}\text { P.T. Station } 1399+28.3149 & N 1,672,343.81 \\ \text { C.C. } & N 1,672,534.1662 & \text { E } 2.239,472.5387\end{array}$
Course from PT 02906340 to PC $00298200180^{\circ} 53^{\prime} 17.9562^{\prime \prime}$ Dist 2,950.8826
Curve Data

Curve 00298200
.I. Station $1436+40.3399$ N 1,668,632.2352 E 2,251,691.2137
Delta $=7^{\circ} 05^{\prime} 41.6262^{\prime \prime}$ (RT)
Degree $=0^{\circ} 27^{\prime} 59.9{ }^{\prime}$
Tangent $=761.1423^{\prime}$
俗
-ength $=1,520.3390^{\prime}$
Radius $=12.277 .7000^{\prime}$
Radius $=12,277.7000$
External $=23.5705^{\prime}$
External $=23.510519 .3678$
-ong Chord $=1,519$
Mid. Ord. $=23.52531$
P.C. Station $1428+79.1975$ N 1,669,393.2861 E 2251,7030139
$\begin{array}{lllll}\text { P.T. Station } 1443+99.5365 & \mathrm{~N} 1,667,878.4692 & \mathrm{E} \\ \text { 2, } 251,585.5041\end{array}$
Course from PT 00298200 to PC $00298210187^{\circ} 58^{\prime} 59.5476^{\prime \prime}$ Dist 2,306.8573
P.I. Station $1476+20.7306$ N $1,664,688.4923$ E $2,251,138.135$ Delta $=8^{\circ} 31^{\prime} 05.0292^{\prime \prime}(L)$
Degree $=0^{\circ} 27^{\prime} 59.9955^{\prime \prime}$
Tangent $=914.3368^{\prime}$
Length $^{\prime}=1.825 .3043^{\prime}$
Length $=1,825.3043$
Radius $=12,277.700$
Radus $=12,277.700^{\prime}$
External $=33.9989^{\prime}$
Long Chord $=1,823.623$
Mid. Ord. $=33.9050$
$\begin{array}{llll}\text { P.C. Station } 1467+06.3938 & \text { N } 1,665,593.9681 & \text { E 2,251,265.121 } \\ \text { P.T. Station } 1485+31.6981 & \text { N } 1,663,774.1953 & \text { E } 2,251,146.6706\end{array}$

Course from PT 00298210 to PC $00298220179^{\circ} 27^{\prime} 54.5185$ " Dist 3,134.8674 ${ }_{*}$ Curve Data
Curve 00298220
P.I. Station $1521+49.1367$ N 1,660,156.9143 E $2,251,180.4389$

Degree $=0^{\circ} 07^{\circ} 59.59 .99$
Tangent $=482.5713^{\prime}$
Length $=965.10191$
Radius $=42,971.8400$
External
External $=2.7095^{\prime}$
Long Chord $=965.0817$
Mid. Ord. $=2.7094^{\prime}$
 $\begin{array}{lllll}\text { P.T. Station } 1526+31.6674 & N & \text { 1,660,699,674.3646 } & \text { E } & \text { 2,251,175.9342 } \\ \text { C. } & 2,251,174.105\end{array}$

Course from PT 00298220 to $17437180^{\circ} 45^{\prime} 06.9871^{\prime \prime}$ Dist $5,075.8952^{\prime}$
Point 17437 N 1.654.598.9265 E 2.251.107.4925 Sta 1577+07.5626
$===============$

Chain I74NBND contains:
028260 CUR 00298270 CUR 00298280 A0021013
Beginning chain I74NBND description
Curve Data

Curve 00298260
PI Station $1580+$
I. Station $1580+46.1271$ N 1.654.259.8137 E 2.251.147.0451
alta $=2^{\circ} 21^{\circ} 02.1611^{\prime \prime}$ (LTT)
Degree $=0^{\circ} 14^{\prime} 27.07577^{\prime \prime}$
Cangent $=48.0398^{\prime}$
Length $=975.9426^{\prime}$
ength $=975.9426$
Radius $=23,788.5589$
Rxternal $=5.0057$
Long Chord $=975.8742$
ong Chord $=975.8742$
Mid. Ord. $=5.0047$
$\begin{array}{lllll}\text { P. Station } 1575+58.0873 & N & 1,654,747.8114 & \text { E } 2,251,153,4499 \\ \text { RT. Station } 1585+34.0299 & N & 1,653,771.9639 & \text { E 2,251,160.6605 }\end{array}$

1,654,435.6211 E 2,274,939.9602
Course from PT 00298260 to PC $00298270178^{\circ} 24^{\prime} 04.8434^{\prime \prime}$ Dist 1,490.7049

$$
\begin{aligned}
& \text { Curve Data } \\
& *
\end{aligned}
$$

Curve 00298270
Station 1606+00.9645 N 1,651,705.8338 E 2,251,218.3242
Delta $=5^{\circ} 22^{\prime} 27.0693^{\prime \prime}($ RT $)$
Tangent $=576.2297^{\prime}$
Length $=1,151.6144^{\prime}$
Madius $=12,277.7000$
Eternal $=13.5147^{\prime}$
Long Chord $=1,151.1922$
PC. Station $1600+24.7348$ N 1,652,281.8392 E 2.251.202.2484
$\begin{array}{llll}\text { P.T. Station } 1611+76.3492 & N 1,651,130.8547 & E 2,251,180.3808\end{array}$
Course from PT 00298270 to PC $00298280183^{\circ} 46^{\prime} 31.9127^{\prime \prime}$ Dist $875.8793^{\prime}$ Curve Data

Curve 00298280

elta $=3^{\circ} 01^{\prime} 27.5415^{\prime \prime}$ (LT)
targee $=585.8080^{\prime}$

| Length | $=1,171.3439^{\prime}$ |
| :--- | :--- |
|  |  |

Radius $=22,191.1465^{\circ}$
Long Chord $=1,171.2080^{\prime}$
$\begin{array}{llll} & \\ \text { M.C. Station } 1620+52.2285 & \mathrm{~N} 1,650,256.8763 & \mathrm{E} 2,251,122.7061\end{array}$

Course from PT 00298280 to A0021013 $180^{\circ} 45^{\prime} 04.3712^{\prime \prime}$ Dist $2,558.3682$ Point A0021013 N $1,646,528.4338$ E 2, 251,042.9093 Sta $1657+81.9406$

Ending chain I74NBND description

Chain I74SBND contains:
CUR 00298230 CUR 00298240 CUR 00298250
Beginning chain I74SBND description

## Curve Dat <br> $\square$

Curve 00298230
I. Station $1583+74.7998 \quad$ N 1,653,932.3241 $\quad$ E $2,251,054.7393$

Delta $=6^{\circ} 14^{14} 53.7492^{\prime \prime}$ (RT)
Degree $=0^{\circ} 288^{\circ} 07.261$
Tangent $=667.2371^{\prime}$
Tangent $=667.2371^{\prime}$
Length $=1.333 .1515^{\prime}$
ength $=1,333.1515$
Radius $=12,224.8289$
External $=18.1955^{\circ}$
Ong Chord $=1.332410$
ong Chord $=1,1322.4910$


C. N 1,654,7599367 E22388397197

Course from PT 00298230 to PC $00298240187^{\circ} 00^{\prime} 00.7487^{\prime \prime}$ Dist 1,456.5414
Curve Data
$\begin{array}{lll}\text { Curve } 00298240 \\ \text { P.l Station } 1619+26.1310 & N 1,650,406.1527 & E 2,250,621.7669\end{array}$
Delta $=13^{\circ} 6^{\circ} 6^{\prime \prime} 35.0761^{\prime \prime}$ (LT)
Degree $=0^{\circ} 27^{\prime} 59.9955^{\prime}$
Tangent $=1,428.8754^{\prime}$
Length $=2,844.9526^{\prime}$
Radius $=1,12,277.7000$
External $=82.8664$
Long Chord $=2,838.5922$
id. Ord $=82.3109$ '
$\begin{array}{lllll}\text { P.C. Station } 1604+977.2556 & N & 1,651,824.3769 & E & \text { e } 2,250,795.9082 \\ \text { P.T. Station } & 1633+42.2082 & N & 1,648,985.8413 & E \\ 2,250,777.9736\end{array}$ $\begin{array}{cccc}\text { P.T. Station } 1633+42.2082 & N & 1,648,985.841 \\ \text { C.C. } & N 1,650,328.0574 & \text { E } & 2,262,982.0866\end{array}$
Course from PT 00298240 to PC $00298250173^{\circ} 43^{\prime} 25.6726^{\prime \prime}$ Dist $952.5510^{\prime}$
Curve Data

Curve 00298250
Station 1650+51.5767 N 1,647.286.7180 E 2,250.964 8443
elta $=7^{\circ} 01^{\prime} 38.7074^{\prime \prime}$ (RT)
Degree $=0^{\circ} 27^{23} 53.4860$
Tangent $=756.8175^{\prime}$
Length $=1,511.7370^{\prime}$
Length $=1,511.7370^{\prime}$
Radius $=12,325.4573$
External $=23.21355^{\prime}$
Long Chord $=1.510 .7896$
ong Chord $=1,510.7896$
Mid. Ord. $=23.16999^{\prime}$
$\begin{array}{llll} \\ \text { P.C. Station } 1642+94.7592 & \mathrm{~N} 1,648,038.9995 & \mathrm{E} 2,250,882.1079\end{array}$


Ending chain I74SBND description

EBRA 1000 EBRA 1001 CUR EBRA200 CUR EBRA210 CUR EBRA220 CUR EBRA230 CUR EBRA240 Rebraz 10 CUR
ERA 1002

Beginning chain EBRESTAREA description $\qquad$ ==

Point EBRA $1000 \mathrm{~N} 1,664,904.4245 \mathrm{E} 2,251,132.3255$ Sta $0+00.0000$
Course from EBRA1000 to EBRA1001 $186^{\circ} 48^{\prime} 17.9334^{\prime \prime}$ Dist 412.8929
Point EbRA1001 N 1,664,494.4403 E 2,251,083.4017 Sta 4+12.8929
Course from EbRA1001 to PC EBRA200 $185^{\circ} 24^{\prime} 57.0168^{\prime \prime}$ Dist 311.9699

Degree $=6^{\circ} 55^{\prime} 54.1281^{\prime \prime}$
Tangent $=88.6082^{\prime}$
Length $=176.5422^{\prime}$
Length $=176.5422^{\prime}$
Radius $=826.5759^{\prime}$
External $=4.7358^{\prime}$
Long Chord $=176.2068$
Mid. Ord. $=4.7088^{\prime}$
$\begin{array}{llll}\text { P.C. Station } 7+24.8628 & \mathrm{~N} 1,664,183.8631 & \text { E 2, 251,053.9569 }\end{array}$


$$
\underset{*}{\text { Curve Data }}
$$

$\begin{array}{llll}\text { C.I. Station } 10+37.1907 & \text { N 1,663,881.8234 } & \text { E } 2,250,977.5452\end{array}$
Delta $=16^{\circ} 42^{\prime} 35.7564^{\prime \prime}$ " (LT)
Degree $=6^{\circ} 11^{\prime} 49.3440 \prime \prime$
Tangent $=135.7857^{\prime}$
Length $=269.6438^{\prime}$
Length $=269.64388^{\prime}$
Radius $=924.5669$.
External $=9.9178^{\prime}$
Long Chord $=268.6892$
Mid. Ord. $=9.8126$.
$\begin{array}{llll}\text { P.C. Station } 9+01.4050 & N \\ \text { P.T. Station } 1,664,011.2149 & \text { E } 2,251,018.7229\end{array}$
$\begin{array}{llll}\text { P.T. Station } 111+71.0488 & \mathrm{~N} 1,663,746.0561 & \text { E } 2,250,975.3098 \\ \text { CC. } N & \text { N } 1,663,730.8353 & \text { E } 2,251,8997513 & \end{array}$
Course from PT EBRAZ10 to PC EBRA220 $180^{\circ} 56^{\prime} 35.8287^{\prime \prime}$ Dist 32.7030' Curve Data
Curve EbRA2zo
P.1. Station $12+54.2318$ N 1,663,662.8843 E 2,250,973.9403

Delta $=44^{\circ} 33^{\prime} 58.7016^{\prime \prime}$ (RT)
Degree $=46^{\circ} \quad 30^{\circ} 41.2$
Tangent $=50.4801^{\prime}$.

Radius $=123.1864{ }^{\prime}$
External $=9.9418^{\prime}$
Long Chord $=93.4206$
Mid. Ord. $=9.1994^{1}$
P.C. Station 1293.7517
$\begin{array}{llll}\text { P.C. Station } 12+03.7517 & \mathrm{~N} \\ \text { P.T. Station } 12+963133.3576 & \text { E 2,250,974.7714 }\end{array}$


$$
\underset{*}{\text { Curve Data }}
$$

Curve EBRA230
P.I. Station $13+33.5132$ N 1,663,603.7211 E 2,250,913.7152
Delta $=45^{\circ} 46^{15} 18.8623^{\prime \prime}$ (LT)
Degree $=71^{\circ} 15$
Tangent $=33.9435^{\circ}$
Length $=64.2375^{\prime}$
Radius $=80.4105^{\prime}$
External $=68707^{\prime}$
Long Chord $=62.5430$
Mid. Ord. $=6.3299$

$\begin{array}{rll}\text { P.T. Station } 13+63.8073 & N 1,663,569.7780 \\ \text { C.C. } & N 1,663,570.1461 & E 2,250,994.2803\end{array}$
Course from PT EBRA230 to PC EBRA240 $179^{\circ} 44^{\prime} 15.6681^{\prime \prime}$ Dist 137.9259

## Curve Data

Curve EBRA240
PI. Station
$15+31$
I. Station $15+31.2372$ N $1,663,402.3498 \quad E 2,250,914.6372$

Degree $=62^{\circ} 46^{\prime} 57.4172{ }^{\prime \prime}$
Tangent $=29.5041$.
Length $=57.0724^{1}$
Length $=57.0724^{\prime}$
Radius $=91.2606^{\prime}$
External $=4.6508^{\prime}$
Long Chord $=56.1469$
Long Chord $=56.1469$
Mid. Ord. $=4.4252^{\prime}$
$\begin{array}{llll}\text { P.c. Station } 15+01.7331 & N & 1,663,431.8536 & E 2,250,914.502 \\ \text { P. Station } 15+58.8055 & N\end{array}$

Curve Data
Curve EBRA250 $\qquad$

Tangent $=41.9976^{\prime}$
Length $=81.2152^{\prime}$
Length $=81.2152^{\prime}$
Radius $=129.2966^{\prime}$
External $=6.6497^{\prime}$
Long Chord $=79.8866$
Mid. Ord $=6.3245$
$\begin{array}{llll}\text { P.C. Station } 15+55.8055 & \mathrm{~N} 1,663,378.3507 & \mathrm{E} 2,250,897.4750 \\ \text { T. Station } 16+40.0207 & \mathrm{~N}, 663,3021928 & \text { E } 250,873\end{array}$

Course from PT EBRA250 to PC EBRA260 179우4' 47.9121" Dist 317.5273
Curve Data

Curve EBRAZ60
Curve EBRA260+94.5493 N 1,662,947.6738 E 2.250.875.9524
Delta $=30^{\circ} 2^{\prime} 4^{\prime} 17^{\prime} .6313^{\prime \prime}$ (LT)
Degree $=42^{\circ} 04^{\prime} 42.5845^{\prime}$
Lengeth $=72.2576^{\prime}$
Len
Lent
Length $=7.2570^{\prime}$
Radius $=136.1640^{\prime}$
Etern $=4.9371$.
External $=4.9378$
Long Chord $=71.4127$
Mid. Ord. $=4.7650^{\prime}$
C. Station $19+57.5481$ N $1,662,984.6740$ E 2,250,875.6812

Course from PT EBRA260 to PC EBRA270 149ㅇ $10 ' 30.2808^{\prime \prime}$ Dist 235.6217

Curve EBRA270
I. Station $23+81.0685$ N 1,662,614.2571 E 2,251,074.9053

Delta $=29^{\circ} 06^{\prime} 10.9656^{\prime \prime}($ RT $)$
Degree $=12^{\circ} 51^{\prime} 39.8367 "$
Tangent $=1155.6411$
Length $=226.2880^{\prime}$
ength $=226.2880^{\prime}$
Radius $=445.4979^{\prime}$
External $=444.7642^{\prime}$
Long Chord $=223.8632$
Mid. Ord. $=14.2906$ '
P.C. Station $22+65.4274 \quad N 1,662,713.5624 \quad E 2,251,0155.6489$

Course from PT EBRA270 to EBRA1002 $178^{\circ} 16^{\prime} 41.2464^{\prime \prime}$ Dist $1,156.0751$
Point EbRA1002 N 1,661,343.1151 E 2,251,113.1177 Sta 36+47.7904
Ending chain EBRESTAREA description

beg ctá wistara destioń
$==========================1$
Point WBRA1000 N 1,654,794.2481 E 2,251,166.2261 Sta 0+00.0000
Course from WBRA1000 to PC WBRA200 $3^{\circ} 56^{\prime} 35.2752^{\prime \prime}$ Dist $687.7775^{\prime}$

Curve WBRA200
P.I. Station $7+60$.
Curve Data
$\qquad$

Dege $=72.5330$ '
Tangent $=144.6844^{\prime}$
Lengh
ength $=144.6844$
Radius $=804.1277$
External $=3.2651$
Long Chord $=144.4893$
ong Chord $=144.489$
Mid. Ord. $=3.2519^{\prime}$


Course from PT WBRA200 to PC WBRA210 $14^{\circ} 15^{\prime} 07.9128^{\prime \prime}$ Dist 46.2023
Curve Data

Curve wbraz 10


Curve WBRA210
PI. Station $9+74.9640 \mathrm{~N} 1,65$
$\begin{array}{llll}\text { Delta }=12^{\circ} & 03^{\prime} & 17.0407^{\prime \prime} \\ \text { Dearee } & \text { (LT) } \\ 6^{\circ} & 16^{\prime} & 55.7463^{\prime \prime}\end{array}$
Tangent $=96.2998$
Length $=191.8886$
Length $=191.8886$
Radius $=912.047^{\prime}$
External $=5.0699^{\prime}$
Long Chord $=191.5339$
$\begin{array}{llll} \\ \text { P.C. Station } 8+78.6642 & \mathrm{~N} 1,655.667 .8494 & \mathrm{E} 2251,247.7429\end{array}$
$\begin{array}{llll}\text { P.C. Station } 8+78.6642 & N & 1,655,667.8494 & E 2,251,247.7429 \\ \text { FT. Station } 10+70.5528 & N & 1,655,857.4142 & E 2,251,275.1435\end{array}$
$\begin{array}{lll}\text { c. } \mathrm{C} \text { Station } 10+70.5588 & \mathrm{~N} & 1,555,857.4142 \\ \text { C. } & \mathrm{N} 1,655,892.3851 & \mathrm{E} 2,250,363.7735\end{array}$
Course from PT WBRA210 to PC WBRA220 $2^{\circ} 11^{\prime} 50.8721^{\prime \prime}$ Dist $35.7437^{\circ}$
Curve Data

Curve WBRA220
P.I Station $11+57$

1. Station 11+57.2605 N 1,655,944.0581 E 2,251,278.4682

Degree $=48^{\circ} 188^{\circ} 55.1021^{\prime \prime}$
Canget $=50.9640^{\prime}$
Lengh $=96.260^{\prime}$
Length $=96.2680^{\prime}$
Radius $=118.5872^{\prime}$
External $=10.4874^{\prime}$
Long Chord $=93.6463$
Mid. Ord. $=9.6353^{\prime}$
Min
P.C. Station $11+06.2965$ N $1,655,893.1316 \quad E \quad 2,251,276.514$
$\begin{array}{lllll}\text { P.T. Station } 12+02.5644 & N & 1,655,977.6880 & E & E, 251,276.514 \\ 2,251,316.7612\end{array}$
${ }_{*}^{\text {Curve Data }}$
Curve WBRA230 elta $=47^{\circ} 55^{\prime} 50.2982^{\prime \prime}$ (LT
earee $=84^{\circ} 01153.364^{\prime \prime}$
Tangent $=30.30799^{\prime}$
Length $=57.0389^{\prime}$
Radius $=68.1837^{\prime}$
External $=6.4326^{\prime}$
ong Chord $=55.3902^{\prime}$
Mid. Ord
P.C. Station $12+02.5645$ N $1,655,977.6880 \quad$ E $2,251,316.7612$
$\begin{array}{ccccc}\text { P. T. Station 12+59.6034 } & \text { N 1,656,027.9925 } & \text { E } 2,251,339.9459\end{array}$
Course from PT WBRA230 to PC WBRA240 $0^{\circ} 46^{\prime} 44.3527^{\prime \prime}$ Dist 142.6295

Curve WBRA240
N 31.656 .199 .6895 E 2.251.342.2804
Delta $=35^{\circ} 55^{\prime} 43.9658^{\prime \prime}(R)$
Degree $=63^{\circ} 58^{\prime} 15.2899^{\prime \prime}$
D
Tangent $=29.0833$
Length $=56.2426^{\prime}$
Length $=56.2426^{\prime}$
Radius $=89.5654^{\prime}$
External $=4.6036^{\prime}$
Long Chord $=55.3230$
Mid. Ord. $=4.3785^{\prime}$

$\begin{array}{lllll}\text {.T. Station } 14+58.4755 & \mathrm{~N} \\ \text { 1,656,222.9902 } & \text { E. } \\ \text { E. } \\ \text { 2, } 251,251,359.6848\end{array}$
$\underbrace{\text { Curve Data }}_{*,-,-*}$
$\begin{array}{llll}\text { Curve WREA250 } \\ \text { I. Station } 15+01.1851 & \text { N 1,656,257.2079 E } 2,251,385.2437\end{array}$

Degree $=43^{\circ} 35^{\prime} 24.072$
fangent $=42.7096^{\prime}$
Length $=82.5902^{\prime}$
Radius $=131.4424^{\prime}$
External $=6.7647^{\prime}$
ong Chord $=81.2382$
Long Chord $=81.2382$
Mid. Ord. $=6.4336^{\prime}$
$\begin{array}{llll}\text { P.C. Station } 14+58.4755 & \mathrm{~N} 1,656,222.9902 & \mathrm{E} 2,251,359.6848\end{array}$
$\begin{array}{lllll} & 1,056,22.9902 & E & 2,251,359.6848 \\ \text { P.T. Station } 15+41.0657 & N & 1,656,29999138 & E 2,251,385.8078 \\ \text { C.C. } N \text { N } 1,656,301.6499 & E 2,251,2543769 & \end{array}$
Course from PT WBRA250 to PC WBRA260 $0^{\circ} 45^{\prime} 24.4377{ }^{\prime \prime}$ Dist 310.7001
Curve Data

Curve WBRA260

1. Station $18+86.1926$ N $1,656,645.0106 \quad E 2,251,390.3663$


Length $=67.5532^{\prime}$
Radius $=142.1685^{\prime}$
Radius $=142.1685^{\prime}$
External $=4.1089^{\prime}$
Long Chord $=66.9195^{\circ}$
Mid. Ord $=3.9935^{\circ}$



Course from PT WBRA260 to PC WBRA270 $333^{\circ} 31^{\prime} 54.9901^{\prime \prime}$ Dist 252.8953

$$
{ }_{*}^{\text {Curve Data }}
$$

urve wBRA270
Station 22+64.0338 N 1.656.984.4117 E 2,251,221.3833

Degree $=14^{\circ} \quad 23^{\prime} 29.4 .4$
fangent $=91.8195^{\prime}$
Length $=180.4831$
Radius $=398.1220$
External $=10.4511$.
Long Chord $=178.9416$
Long Chord $=178.941$
Mid. Ord. $=10.1837^{\prime}$
.i. Station $21+72.2143-\mathrm{N} 1,656.902 .2165$ E $2,251262.307$

Course from PT WBRA270 to WBRA1001 $359^{\circ} 30^{\prime}$ 22.3092" Dist $1.099 .2633^{\prime \prime}$
Point WBRA1001 N 1,658,175.4502 E 2,251,211.1181 Sta 34+51.9607
nding chain WBRESTAREA description




| USER NME = barcomv | Designeo | Revis |
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| mor sche -ateon | CHECKED | Revise |




Note: No Heavy Eoupmen is Allowed in The dithes Along


## STAGING NOTES

1) EXISTING CABLE MEDIAN CROSSOVER CLOSURE REMOVAL WILL NOT BE PAID FOR EXISTING CABLE MEDIAN CROSSOVER CLOSURE REMOVAL WILL NOT BE PAID
SEPERATELY BUT SHALL BE INDCULDED IN THE COST OF TRAFFIC CONTROL.
2) SEE STANDARD 701400 FOR APPROACH TO LANE CLOSURE.
3) SEE STANDARD 701416 FOR LANE CLOSURE WITh CROSSOVER AND BARRIER.
4) BARRIER Wall offests are to centerline of the wall.
5) FOR ALL SIGNING AND APPURTENACES NOT COVERED BY A TRAFFIC CONTROL STANDARD SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM TRAFFIC CONTROL AND PROTECTION, 701416。
6) FOR PATCHES in milled areas, the pavement shall be milled prior to patching.
7) AFTER STAGE 1 IS COMPLETED, RESTORE PERMANENT PAVEMENT MARKINGS REMOVED FOR THIS STAGE AT LOCATIONS OUTSIDE THE PROJECT LIMITS NOT INCLUDED WITHIN the limits of stage 2.
8) after stage 2, install all permanent Pavement markings except at locations WITH RESURFACING TO BE COMPLETED UNDER FLAGGERS OR STANDARD LANE CLOSURES.
9) DO NOT INSTALL RUMBLE STRIPS UNTIL AFTER STAGE 2 IS COMPLETED.
10) COMBINATION CURB AND GUTTER aND SIDEWALKS Shall bE installed prior to OVERLAYING THE REST AREA PAVEMENT.
11) REST AREAS ARE TO REMAIN CLOSED FOR THE DURATION OF THE PROJECT

## STA。1195＋36 TO STA。1219＋56



$$
\text { STA. } 1219+56 \text { TO STA。 } 1226+80
$$



A）VARIES FROM $12^{\prime} 0^{\prime}$ ，FROM STA． $1195+36$ TO STA． $1205+36$
B）VARIES FROM $10^{\prime}-4^{\prime}$ FROM STA． $1222+90$ TO STA． $1225+00$ C）VARIES FROM $12^{\prime}-0^{\prime}$ FROM STA． $1220+17$ TO STA。 $1222+90$ D）TEMP．CONC．BARRIER WALL BEGINS AT STA． $1220+41$
4

## STA. $1226+80$ TO STA. $1285+65$



STA。1285+65 TO STA。1661+37


## STA。1661+37 TO STA。1676+26



## STA. $1253+00$ TO STA. $1285+65$



$$
\text { STA。 } 1285+65 \text { TO STA。 } 1294+86
$$


A) VARIES FROM $12^{\prime}-0^{\prime}$ FROM STA. $1284+65$ TO STA. $1285+65$ B) VARIES FROM $12^{\prime}-0^{\prime}$ FROM STA. $1253+00$ TO STA. $1263+00$ C) TEMP CONC. BARRIER WALL BEGINS AT STA. 1285+79
D) VARIES FROM $10^{\prime}-4^{\prime}$ FROM STA. $1288+50$ TO STA. $1290+60$

## STA。1294＋86 TO STA。1661＋21

WORK ZONE
SEE NOTE A

STA． $1661+21$ TO STA。1669＋14


A）WORK ZONE BEGINS AT STA． $1291+39$
WORK ZONE ENDS
B）TEMP CONC．BARRIER WALL ENDS AT STA．1669＋83
C）VARIES FROM $0^{\prime}-12^{\prime}$ FROM STA． $1664+51$ TO STA． $1669+84$ D）VARIES FROM $4^{\prime}-10^{\prime}$ FROM STA． $1662+41$ TO STA， $1664+51$


## STA。1669+14 TO STA。1699+63

$\square$





## LECEND

\& Direction INicator barricade with
TYPE II Barricade or barrel with steady
BURN MONOORECTIONAL LIGHT

$\Rightarrow$ oirection of traffic
因 CONSTRUCTION ZONE


- construction sign
- temporary concrete barrier
$\rightarrow$ arrow board
$\square$




## LECEN

OIRECTION INOICATOR BARRICADE WITH
STEAOY BURN MONOOIRECTIONAL LICHT

\& vertical panel
$\Rightarrow$ direction of Traffic
(Q) CONStRuction Zone


- construction sign
emporary concrete barrier
$\rightarrow$ arrow board
$\square$







## STAGE I RAMP DETOUR PLAN






## LEGEND

$-\quad$ existing service

- proposed service
$\boxtimes \quad$ existing lighting controller
E PRoposed temporary lichting controller
$\mathrm{O}^{\mathrm{O}} \mathrm{O} \mathrm{O}$ Existing lioht tower

50 FT WOOD POLE, CLLASS 3. with
LUMINAIRE, LED, RODWAY, OUTPUT DESICNATION H, 40' M.h
$\rightarrow$ GUY wiRe anchor
- a - proposed aerial cable, sized as noted
-     -         - proposed direct buried cable, sized as noted
$=\quad \begin{gathered}\text { Proposed coilable nonmetallic conouit }{ }^{\prime \prime \prime} \text { dia. } \\ \text { Lenth as noteo }\end{gathered}$
- existing utility pole

E요 Existing uthlity pole with transformer

## CONDUCTOR SCHEDULE

(1) Aerial cable 2-1C no. 4 with messenger wire
(2) Aerial cable 2-1C no. 6 with messenger wire
(3) UNDERGROUND ELECTRIC CABLE, ALUMINUM, GOOV, $2-1 \mathrm{CNO}$ N.
(4) UNDERGROUND ELECTRIC CABLE, ALUMINUM, 600V, $12-1 \mathrm{CNO}$. 8.

notes:
LIGHT Poles Shall be set out of the clear zone
ANO A Minimum of 30 FT rrom ede of traveleo
PAVEMENT (WHITE LINE)

$\square$








