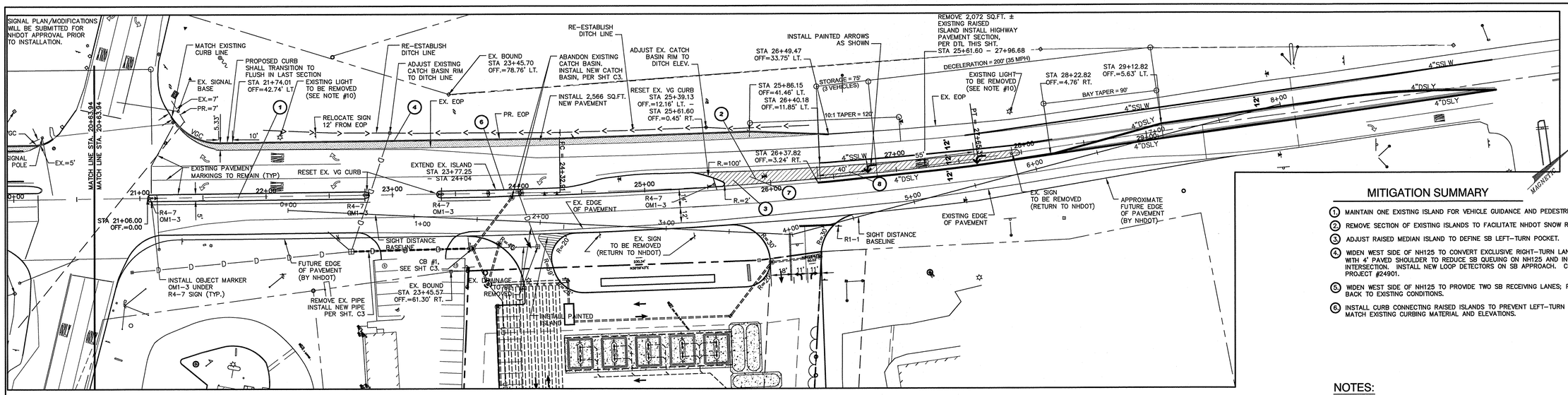


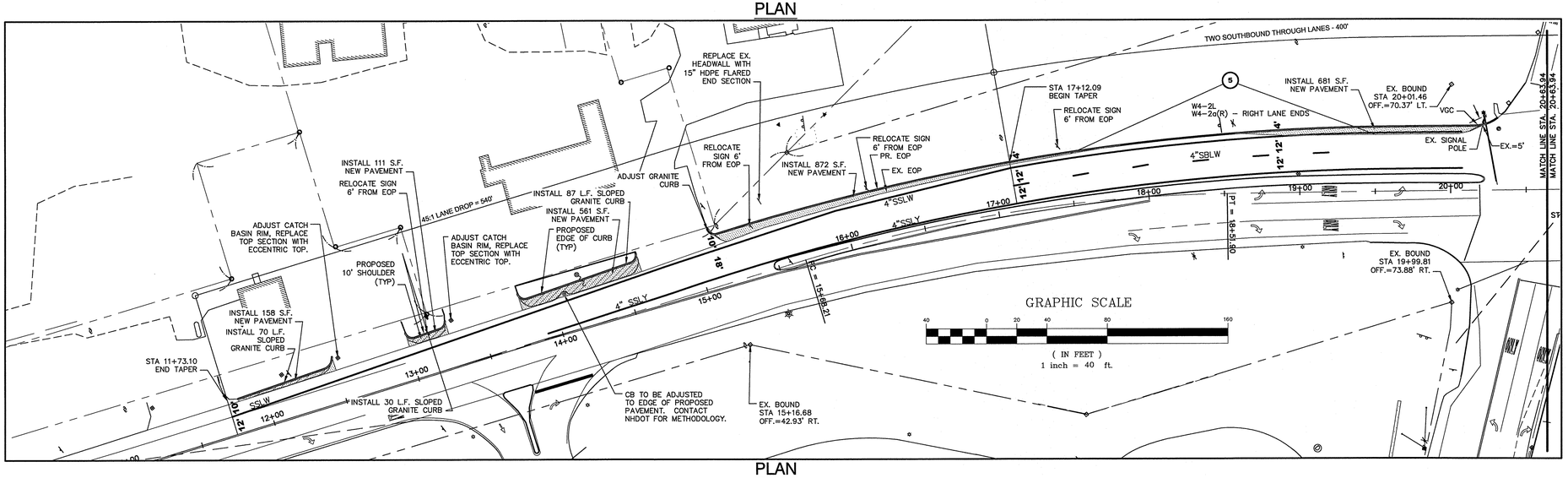

PLAN

## MITIGATION SUMMARY

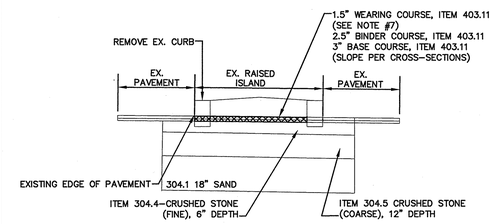
1. MAINTAIN ONE EXISTING ISLAND FOR VEHICLE GUIDANCE AND PEDESTRIAN REFUGE.
2. REMOVE SECTION OF EXISTING ISLANDS TO FACILITATE NHDOT SNOW REMOVAL, AS SHOWN.
3. ADJUST RAISED MEDIAN ISLAND TO DEFINE SB LEFT-TURN POCKET.
4. WIDEN WEST SIDE OF NH125 TO CONVERT EXCLUSIVE RIGHT-TURN LANE INTO A SHARED THROUGH-RIGHT LANE WITH 4' PAVED SHOULDER TO REDUCE SB QUEUING ON NH125 AND INCREASE CAPACITY OF SIGNALIZED INTERSECTION. INSTALL NEW LOOP DETECTORS ON SB APPROACH. COORDINATE WITH NHDOT RESURFACING PROJECT #24901.
5. WIDEN WEST SIDE OF NH125 TO PROVIDE TWO SB RECEIVING LANES; PROVIDE 45:1 LANE DROP TO TRANSITION BACK TO EXISTING CONDITIONS.
6. INSTALL CURB CONNECTING RAISED ISLANDS TO PREVENT LEFT-TURN EXIT FROM SOUTHERN SITE ENTRANCE. MATCH EXISTING CURBING MATERIAL AND ELEVATIONS.

## NOTES:

1. THE INTENT OF THIS PLAN IS TO DEPICT THE PROPOSED PHASE 1 IMPROVEMENTS TO ROUTE 125 AND THE SIGHT DISTANCE AVAILABLE FOR THE PROPOSED PROJECT EXIT ONTO ROUTE 125.
2. EXISTING CHANNELIZATION ISLANDS WITHIN ROUTE 125 SHALL BE REMOVED TO ROADWAY BASE AS SHOWN.
3. CONTRACTOR SHALL INSTALL NHDOT HIGHWAY PAVEMENT SECTION, SEE DETAIL THIS SHEET, IN AREAS OF ISLAND REMOVAL AS SHOWN ON PLAN.
4. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS WITHIN ROUTE 125 AS SHOWN THIS PLAN.
5. CONTRACTOR SHALL CONTACT NHDOT BUREAU OF TRAFFIC, PETER CROUCH (603-271-2291) ONE WEEK PRIOR TO MARKING AND SIGN INSTALLATION FOR REVIEW AND APPROVAL.
6. PROPOSED STRIPING SHALL BE LAID OUT BY CONTRACTOR AND REVIEWED BY PETER CROUCH TO ALLOW TWO SOUTHBOUND LANES ON ROUTE 125.
7. CONTRACTOR TO COORDINATE WITH NHDOT PRIOR TO INSTALLATION OF WEARING COURSE.
8. CONTACT NHDOT DISTRICT 6 PRIOR TO CONSTRUCTION FOR RELOCATION OR REMOVAL INSTRUCTIONS.
9. DRAINAGE IMPROVEMENTS DEPICTED TO BE COMPLETED BY THE CONTRACTOR AND AS SHOWN ON PLAN SHEET C3.
10. CONTRACTOR TO CONTACT PNSH AND NHDOT PRIOR TO LIGHT REMOVAL. LIGHT POLE AND FIXTURE SHALL REMAIN THE PROPERTY OF NHDOT.
11. CONTRACTOR TO COORDINATE ALL WORK WITH ALL STATE ASPHALT, INC. PRIOR TO THEIR SCHEDULED PAVEMENT OVERLAY.




PLAN

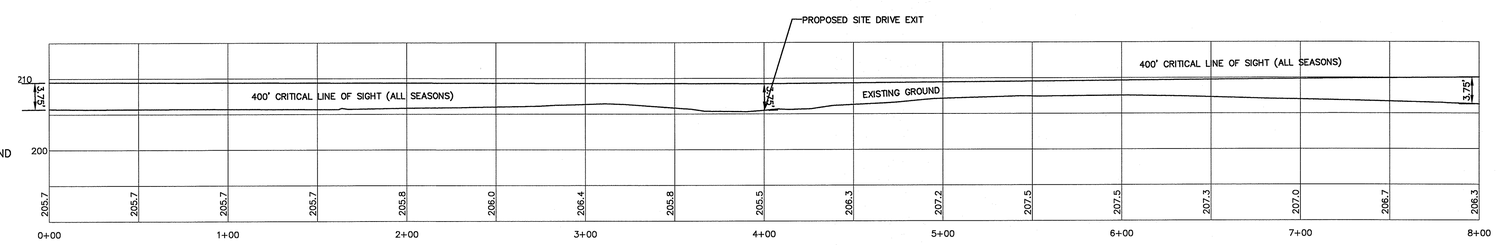



ISLAND REMOVAL DETAIL

NOT TO SCALE

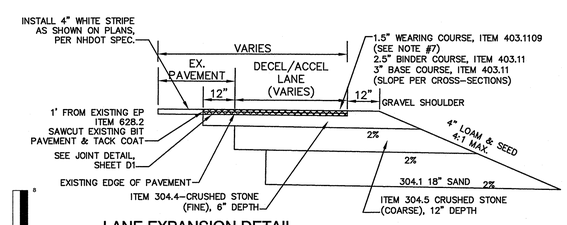
## LEGEND

| EXISTING | PROPOSED | DESCRIPTION |
|---|---|---|
| | | PROPERTY LINES |
| | | SETBACK LINES |
| | | CENTERLINE |
| | | EDGE OF PAVEMENT |
| | SWL | SINGLE WHITE LINE |
| | DYL | DOUBLE YELLOW LINE |
| | DYL | DOUBLE YELLOW LINE |
| D | | DRAINAGE LINE |
| | | EXISTING RAISED ISLAND TO BE REMOVED |




SIGHT DISTANCE PROFILE

GRAPHIC SCALE
( IN FEET )
1 inch = 40 ft Horiz.
1 inch = 4 ft Vert.




LANE EXPANSION DETAIL

NOT TO SCALE

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| | | |
|---|---|---|
| Design: WGM | Draft: GPC | Date: 01/03/12 |
| Checked: WGM | Scale: AS NOTED | Project No.: 10144 |
| Drawing Name: 10144-PLAN.dwg | | |

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

STATE OF NEW HAMPSHIRE – BARRY W. GIER No. 12535 – LICENSED PROFESSIONAL ENGINEER

| REV. | DATE | REVISION | BY |
|---|---|---|---|
| 12 | 08/2/13 | REVISED PER NHDOT SITE MEETING | WGM |
| 11 | 07/29/13 | REVISED PER NHDOT | BWG |
| 10 | 07/15/13 | REVISED PER NHDOT | BWG |
| 9 | 06/19/13 | REVISED PER NHDOT | BWG |


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E-Mail: JBE@JONESANDBEACH.COM


| | |
|---|---|
| Plan Name: | HIGHWAY ACCESS PLAN - PHASE 1 |
| Project: | TROPIC STAR CONVENIENCE<br>CALEF HIGHWAY (RTE. 125), BARRINGTON, NH |
| Owner of Record: | THE THREE SOCIOS, LLC<br>321D LAFAYETTE ROAD, HAMPTON, NH 03842 |

DRAWING No.

HA1

SHEET 6 OF 17
JBE PROJECT NO. 10144